

THOR BROADCAST

AUDIO VIDEO TRANSPORT SYSTEMS OVER

RF-COAX

CATV & Broadcast Modulators

IPTV

Over Ethernet Networks

FIBER OPTIC


Long Distance Transport



ENGINEERING THE FUTURE OF
SIGNAL TRANSPORT



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HDMI RF Modulators



16 HDMI to Analog Agile CATV RF Modulator - NTSC PAL SECAM H-16HDMI-RF-AMOD

The H-16HDMI-RF-AMOD is a 1RU rackmount HDMI input, agile modulator, that will convert all of your 16 HDMI SD HD inputs into NNTC/PAL/ SECAM analog RF Channels



16 Channel Analog Agile Modulator - NTSC PAL SECAM H-16RCA-RF-AMOD

Professional 16 Channel Analog Baseband CVBS Video Audio to CATV RF NTSC Analog Modulator - NTSC PAL SECAM in 19" rack The unit has 16 Analog CVBS Baseband Video Audio RCA Inputs, analog modulated agile channels can be selected individually across CATV RF spectrum from 45Mhz - 860Mhz



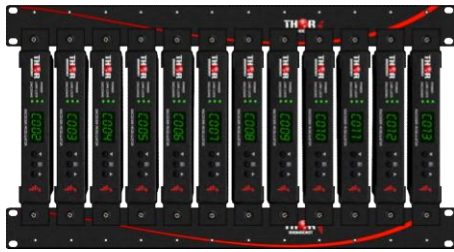
HDMI Modulator with return remote control IR - Digital Full HD 1080p ATSC, QAM J.83B, DVB-T, ISDB-T over Coax H-HDMI-RF-Petit-IR

H-HDMI-RF-Petit-IR Compact Universal Digital QAM, ATSC RF Encoder, and RF Modulator w/ IR return path and HDMI Loop-out to control HDMI Video source remotely over the coax (Application Example: The Modulator and Cable TV Box HDMI source can be located in one place, and the a user can send commands from the STVB remote control and change the channel on the STB, from any other location where the TV is located over the coaxial network, so the modulator sends RF channels to all TV's location and IR can send form the TV to the STB over the same coax wiring



Petit HDMI RF MODULATOR H-HDMI-RF-PETIT

This is a smaller version of the popular H-HDMI-CC-RF unit which has HDMI Input up to full HD 1080p/60, supports QAM/ ATSC/ DVB-T/ ISDB-T modulation standards. All the Video / Audio encoding parameters and modulation channels are controlled via 10/100 Standard Ethernet and Web interface. This unit can be mounted vertically or horizontally on a rack mount cage panel for up to 12 units side by side. Compact!



HDMI RF Modulator Chassis System 1-12 Units Petit-2/4/6/8/10/12CH-RM

The Thor Compact RF-PETIT Digital Modulator is already designed to be sleek and easily installed anywhere. To make life easier, Thor Broadcast also has a compatible rackmount kit that can be installed in a 19" 1RU rack for simplicity. This rack system provides the horizontal racks that can quickly mounted to any 1RU rack; the multi-unit sets already come with the rack mount hardware so you can attached the rack ears to the Petit's and then fasten to the horizontal bars in the Rack. Easy to deploy and simple to setup, holes are pre-drilled in the units so you can get your units up and installed efficiently. This quick and easy installation process allows you to vertically mount up to 12 HDMI-RF-PETIT units in a rack with easy access to the inputs and outputs of the device.



HDMI Modulator | QAM RF Coax Output - Full HD up to 1080P - 1,4,8 Channel H-THUNDER

QAM, ATSC, DVB -T, ISDB -T Modulation, Thor 1, 4, or 8 x HDMI Digital RF Modulator is an all-in-one device integrating MPEG2 encoding and modulation to convert audio/video signals into ATSC / DVB-C QAM DVB-T / ISDB-T RF output. Supports Low Latency Mode for live event applications, HDCP compliant, works with any HDMI source like DVD Player or Cable Satellite STB up to 1080p/60 resolution The 8-channel model in addition to 8HDMI inputs has also 8 CVBS baseband video inputs, which can be selected, those inputs could be also used for Closed Captioning Inputs.



8 channel HDMI and SDI Clear CATV RF Modulator QAM, ATSC, DVB-T, ISDB-T H-HYBRID-RF-8

Your choice of selecting 8 HDMI or SDI video sources. It converts 8 HDMI/SDI sources to individual CATV RF DVB-C QAM or Off-Air ATSC channels. It also supports European DVB-T and Latin America ISDB-T modulation standards. Support Low Latency and full HDTV up to 1080p Video



4 HDMI & Component HD to COAX and IPTV HD 480i/720p/ 1080i/1080p CC Modulator H-4ADHD-QAM-IPLL

QAM, ATSC, DVB-T, ISDB-T, 4 HDMI, 4 Component YPbPr, & 4 Composite Video CVBS and CC to COAX or IP It generates 4 HDTV Cable TV/ ATSC Channel. Supports closed captions, Dolby AC/3, and ASI & IPTV Output. Create your Own channels and watch Any HD content on any TV



2 HDMI YPbPr HD Digital TV Modulator QAM ATSC DVB-T IPTV 1080p/60 H-2ADHD-QAM-IP-LL

The Thor Broadcast H-2ADHD compact HDTV encoder modulator that outputs RF/ASI/IP simultaneously. Easy to use NMS GUI interface lets you adjust and manipulate any settings via any web browser for full autonomous control of the encoder. Supports full HD 1080p60 encoding from any source that uses HDMI. The H-2ADHD carries both modulation standards for both QAM and ATSC that are easy to switch between with a simple dropdown menu option inside the GUI. Supports QAM, ATSC, DVB-T, ISDB-T modulations - it is selectable



CATV RF MODULATOR - HDMI Multiplexer H-12HDMI-QAM-IP-LL

12 HDMI with CC (Closed Captioning) Broadcast Encoder IPTV Streamer and ASI Output



1- 4 HDMI to QAM Modulators and IPTV Streaming Encoders 1080p/60 H-1/2/4HDMI-QAM-IP-LL

Converts 1-4 HDMI digital video inputs to Coax - CATV US Cable format or DVB-C Encoding: HDMPEG-2 or HD H.264 streams. Outputs: RF in QAM-256 J.83A/B/C & ASI & IP UDP, RTP/RTSP, HD 720p/1080i/1080p



1 - 8 HDMI Digital RF Modulator CC (Closed Captioning) H-HDCOAX-X

Thor's 1, 2, 4, 6, and 8x HDMI Digital RF Modulator CC is your all-in-one solution. It seamlessly encodes and modulates audio/video signals into ATSC/DVB-C/QAM/DVB-T/ISDB-T RF output. Enjoy Low Latency Mode for live events, HDCP compliance, and compatibility with any HDMI source, including DVD Players or Cable Satellite STBs, up to 1080p/60 resolution. Elevate your experience with Thor



1-4 HDMI to ATSC Modulators and IPTV Streaming Encoders 1080p/60

H-1/2/4HDMI-ATSC-IPLL

Converts one to four HDMI digital video inputs to RF ATSC off Air channels. Outputs ASI, IP, & RF in 8VSB ATSC format for US Over the Air OTA. Encodes as a MPEG-2 or H.264 video and MPEG1 or Dolby AC3 Audio, HD 720p/1080i/1080p. 4 HDMI to DVB-T digital Modulators and IPTV Streaming Encoders 1080p/60



1-4 HDMI to DVB-T digital Modulators and IPTV Streaming Encoders 1080p/60

H-1/2/4HDMI-DVBT-IPLL

Converts one or more HDMI digital video inputs to encoded MPEG-2 or H.264 streams. Outputs ASI, IP, & RF in QPSK DVB-T for European Television Systems. HDTV channel distribution over existing antenna coax cable for easy and simple implementation, HD 720p/1080i/1080p



Real Time Integrated Ultra HD 4K Encoder and QAM Modulator

H-4K-UHD-QAM-IP

4K Encoder Modulator. It integrates H.265/HEVC and H.264/AVC 10-bit precision encoding technology, multiplexing and modulating functions in a standard 1U case. It supports UHD Ultra-High-Definition Television UHDTV resolution up to 3840 X 2160@60P. Chroma 4.2.2 and 4.2.0 HEVC offers incredible compression efficiency, making live UHD delivery available for satellite, cable, terrestrial and fiber networks.



2 HDMI + 2 HD/SD SDI to RF Coax Modulators and IPTV Streaming Encoders 1080p/60

H-2HDMI-2SDI-QAM-IPLL

Convert 2X HDMI, 2X HD/SD/3G SDI with closed captioning to RF COAX or IP It generates 4 HDTV QAM Cable TV/ ATSC or DVB-T Channels. Supports MPEG2 /H.264 closed captions, Dolby AC/3 and comes equipped with ASI & IPTV UDP, RTP, RTSP Output. Create your own channels and watch any HD content on any TV, HD 720p/1080i/1080p



Digital RF Pocket Modulator with A/V or HDMI in and QAM/ATSC/DVBT/ISDBT Output

H-PCKT-MOD

Convert your local AV or HDMI signal into an RF signal. Ready for distribution over coaxial cables. Plug and Play pocket sized. The modulator supports all cable and terrestrial standards. Distribute your custom channel to any # of TV's in your CATV network!



1 HDMI YPbPr HD Digital TV Compact Modulator QAM ATSC DVB-T 1080p/60

H-AC3-CMOD

Thor CMOD series compact HDTV digital channel modulator with licensed Dolby AC/3 encoding chip. Supports full HD encoding in MPEG-2 or H.264 formats on HDMI & component inputs. USB DVR and looping file based playout supported. Different firmware available for different RF standards for DVB-C, QAM, ATSC, DVB-T HDMI. HDCP Licensed so you can connect any of your devices via installed HDMI cable.



RF input to RF output Transmodulator - DVB-S/S2, QAM, ATSC, DVB-T

H-4ATSC-QAM-IPLL

4 RF Input to RF output - Latest generation Trans- Modulators for satellite, terrestrial, and cable TV applications. DVB-S/S2 to QAM, DVB-S/S2 to ATSC, ATSC to QAM and more.



1- 4 SDI to QAM Modulators and IPTV Streaming Encoders

H-1/2/4SDI-QAM-IPLL

Converts one or more HD-SDI digital video inputs to encoded MPEG-2 or H.264 streams. Outputs ASI, IP (UDP, RTP, RTSP), & RF in QAM-256 J.83A/B/C for US Cable format or DVB-C.



1-4 SDI to DVB-T RF Modulators and IPTV Streaming Encoders

H-1/2/4SDI-DVBT-IPLL

Converts one or more HD-SDI digital video inputs to encoded MPEG-2 or H.264 streams. Outputs ASI, IP, & RF in QPSK & QAM-16/64 DVB-T formats for European television systems.



1- 4 SDI to ATSC Modulators and IPTV Streaming Encoders

H-1/2/4SDI-ATSC-IPLL

Converts one to four HD-SDI digital video inputs to encoded MPEG-2 or H.264 streams. Outputs ASI, IP and RF in 8VSB ATSC format for US Over the Air OTA.



12 HD/SD-3G SDI with 608/ 708CC (Closed Captioning) CATV RF MODULATOR

H-12SDI-XXX-IPLL

12 HD/SD/3G-SDI with 608/708CC (Closed Captioning) CATV RF MODULATOR is a Pro-DVB multi-level integrated device which includes encoding, multiplexing, scrambling and modulating



24 Baseband Video (CVBS) Encoder Modulator / IPTV Streamer

H-24AV-XXX-IP

Supports 8 / 12 / 16 or 24 CVBS Base-band Video / Audio inputs, one DVB-C tuner input and 128 IP input Outputs 16 Independent QAM or ATSC or DVB-T channels and IPTV SMPTS streams at the same time. It could be used for following Applications: 24 CVBS to RF, 24 CVBS to IP, 1 CATV QAM RF to IP, 128 IP to CATV RF

IP to CATV Edge Modulators



IPTV to 16/32 CLEAR CHANNEL RF QAM/ATSC Modulator H-IPRF-16/32QAM

CABLE TV Headend in a Box. QAM modulator for IP Edge QAM / ATSC / DVB-T / ISDB-T applications. This 1RU chassis has 2 GE inputs with SFP interface allowing up to 1024 channels TS streams of UDP/RTP, unicast and multicast streams. Maximum input of each GE input is 840 Mbps that will be output through the RF output on 16 non-adjacent QAM carriers in the range of 50-960Mhz



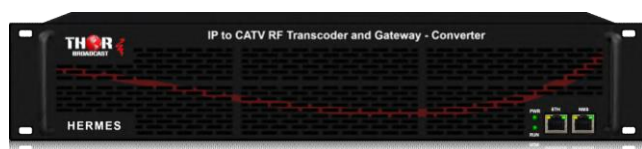
IPTV to 32 RF channel Analog NTSC PAL Modulator H-IP-32RF

IPTV streams to 32 Analog channel modulator for Modulation Digital IPTV MPTS or SPTS's streams, digital programs to analog NTSC modulated channels. Most analog modulators have Baseband Video Audio CVBS inputs, this unique modulator has an IPTV input, decodes those streams internally to analog CVBS format and modulates them on the NTSC analog channels carriers.



IP UDP MULTICAST TO 4ch CATV RF QAM ATSC DIGITAL MINI MODULATOR H-IPRF-4QAM

The H-IPRF-4QAM is compact IP to RF Gateway that conveniently takes your UDP/RTP TS and converts to digital CATV RF QAM, ATSC, or DVB-T & ISDB-T



IP to CATV RF Digital QAM Gateway with the MPEG4 H.264 to MPEG2 transcoding option - 64 Channel H-HERMES-64

The H-HERMES-64 can receive up to 64 IP UDP streams encoded in H.264 video, trans-code them to MPEG2 with AC3 Dolby audio, and modulate them on a 16-channel CATV RF QAM or ATSC spectrum. An example application is to use incoming streams from the Technicolor COM3000 or any multi-channel HDMI H.264 IP encoder, and transcode them to the format standard supported in the USA, Canada, and Mexico in order to be able to receive them on any televisions' tuner over the existing coaxial network



ASI to QAM or ATSC CATV RF Modulator H-ASI-QAM

Digital modulator with ASI Input and CATV RF output - QAM or ATSC or DVB-T or ISDBT

HDMI Encoders



4 / 8 / 16 / 24 HDMI IPTV Streaming H.264 Encoder - UDP, RTP/RTSP - SPTS & MPTS - Multicast & Unicast H-HDPerformux-4

H-HDPerformux-XX is an affordable high density H.264 Multi-channel IP encoder. The HDMI HDCP enabled IPTV Streaming HD encoder & integrated multiplexer is a 1RU platform. Outputs up to 24 SMPTS' UDP or RTP(RTSP), 1MPTS, encodes HD video from any HDMI source into IPTV streams. The encoding video rate is adjustable from 1-20Mbps



1 SDI HDMI CVBS IP H.264 Encoder Streamer UDP, RTP, HLS, RTMP, HTTP & USB playback H-SPARTAN-1

The SPARTAN-1 is an IP streaming device that comes equipped with a single input port capable of supporting HDMI, CVBS, and SDI inputs. It is specifically designed to facilitate MPEG4 AVC/H.264 video encoding and MPEG1 Layer 2, AAC, or AC3 audio encoding, ensuring high-quality video and audio output. Additionally, this device supports a range of popular streaming protocols such as UDP/RTP (Unicast/Multicast), HLS, RTMP, and HTTP in Low Latency, making it an ideal solution for streaming over LAN or over the internet



1 Channel SDI or HDMI H.264 IP Video Streaming Encoder UDP RTP HLS Unicast Multicast H-SPARTAN-2

The Spartan-2 has dual inputs for HDMI and SDI (selectable) and encodes in Mpeg4 AVC/H.264 video and Mpeg1 L2, AAC and AC3 audio encoding. 44 Channel HDMI + CVBS Network Encoder Streamer UDP/RTP (Unicast/Multicast), Low latency HLS, RTMP, HTTP & USB playback



4 Channel HDMI + CVBS Network Encoder Streamer UDP/RTP (Unicast/Multicast), Low latency HLS, RTMP, HTTP & USB playback H-SPARTAN-4

The SPARTAN-4 has 4 input ports for HDMI / CVBS for MPEG4 AVC/H.264 video encoding and MPEG1 Layer 2, AAC, or AC3 audio encoding. It also allows playing TS files through a USB port on the front of the unit. Supports up to 1080/60P full HD resolution, UDP/RTP (Unicast/Multicast), HLS, RTMP, HTTP in Low Latency



4 HDMI Broadcast Encoder IPTV Streamer and ASI Out MPEG2 / H.264 / AC3/ 1080p / CC H-4HD-EMH-AC3

Low Latency, HDCP compliant Thor H-4HD-EMH is a 4 Ch HD-SDI MPEG2/H.264 encoder that generates a multiplexed ASI & IPTV output formatted specifically for US TV standards. Support MPEG2 / MPEG4, closed captioning and Dolby AC3 Audio encoding up to 1080p@60 resolution, pass HDCP



4 HD-SDI Broadcast Encoder IPTV and ASI Out MPEG2 / H.264 / AC3/ 1080p / CC H-4HD-EMS

Low Latency Thor H-4HD-EMS is a 4 Ch HD-SDI MPEG2/H.264 encoder that generates a multiplexed ASI & IPTV output formatted specifically for US TV standards. Support MPEG2 / MPEG4, closed captioning and Dolby AC3 Audio encoding up to 1080p@60 resolution



1 Ch SDI or HDMI HD Encoder - MPEG2/H264 H-1HD-EMS

1 HDMI Input1 HD/SD-3G SDI Input1 HDMI + 1SDI Inputs1 Ch HD-SDI or HDMI MPEG2/H.264 encoder that generates a multiplexed ASI & IPTV output formatted specifically for US Television standards. Supports closed captioning 708(SDI only) and Dolby Digital AC3 Audio Encoding for maximum efficiency and production.



8 HD-SDI Broadcast Encoder IPTV Streamer and ASI Out, H.264 / AC3 / 1080p H-8HD-EMS

Low Latency, High-density HD encoding and multiplexing system for headend program generation. Accepts 8 HD-SDI inputs at up to 1080p60, and offers 9 IP outputs (8x SPTS, 1x MPTS) and dual ASI outputs containing all encoded programs. Also included is an ASI input for multiplexing an SPTS program with the outputs.



**2 HD/SD SDI + 2 HDMI
Broadcast MPEG2 & H.264
1080p Encoder IPTV and ASI
H-2SDI-2HDMI-ENC**

H-2SDI-2HDMI-ENC is a 4 Channel HD 2 SDI and 2 HDMI MPEG2 and H.264 IPTV and ASI Encoder, It supports low latency, CC and Dolby AC3 Audio encoding. It outputs 4 SPTS' IPTV TS's and 1 MPTS, supports HD 720p/1080i/1080p/60hz



**8 HDMI Broadcast Encoder
IPTV Streamer and ASI Out,
H.264 / AC3/ 1080p / CC
H-8HD-EMH**

Low Latency, HDCP complied, High density HD encoding and multiplexing system for headend program generation. Accepts 8 HDMI inputs at up to 1080p60, and offers 9 IP outputs (8x SPTS, 1x MPTS) and dual ASI outputs containing all encoded programs. Also included is an ASI input for multiplexing an SPTS program with the outputs, pass HDCP



**IPTV UDP to HLS GATEWAY
H-IPTV-GATEWAY**

Thor IPTV Gateway is a device that is used for protocol conversion scenarios and streaming media distribution scenarios. Matrix converter between UDP, HLS, RTMP, HTTP, RTSP, and RTP



**4 Analog Video Audio ASI and
IPTV SD Encoder Streamer & Mux
H-4AV-SDE**

Broadcast quality SD program encoding from analog composite baseband video inputs on BNC terminals with stereo audio. All programs multiplexed to MPTS outputs on ASI and IP. SPTS outputs are available for all programs on IP. All settings managed through LCD panel or web management.



All Inputs IPTV Streaming and ASI HD Encoder 608/708 Captioning MPEG2/4 4:2:2 H-MPEG2-H264-E2

Thor MPEG-2/H.264 HD Encoder is the new broadcasting audio & video encoding and multiplexing device with powerful functionality. It has multiple video input interfaces (SDI, CVBS, YPbPr and HDMI) and 4 audio input interfaces (AES, RCA and XLR). It supports 4 stereo (8 mono) audios embedded to mix with the video to form a stream output. The encoded program outputs as a TS (transport stream) through ASI/IP port simultaneously.



24 Analog CVBS Video Audio H.264 SD Encoder Streamer & Mux ASI and IPTV output H-24AV-IP

High quality & high density 24-channel SD encoder with analog composite base-band video inputs using RCA terminals for stereo & audio, output both via UDP/RTP Unicast and Multicast formats



8 Ch Stereo Audio Encoder H-8A-ENC

Thor model number H-8A-ENC is an eight channel audio encoder for converting unbalanced analog audio to digital transport streams. The system employs the MPEG-1 Layer 2 audio codec and provides outputs on ASI feeds as well as IP network feeds in the form of UDP MPTS.



HDMI over Public Internet RTSP/HTTP Encoder H-H264IP-E

The Thor Broadcast H-H264IP-E RTSP network encoder is a real time encoding device for IP broadcasting over LAN or Public Internet. The signal source could be from a STB, PC, TV etc via HDMI and it will transport the live program through the Internet/LAN output this LAN broadcast can be received by any phone, tablet, or PC. This Thor network encoder lets you access your IP STB, PC or TV anywhere to watch your stream of content. The device supports HDMI/YPbPr/S-Video/AV/USB input and encodes in MPEG 4 AVC/H.264 format. This H.264 IP signal will output over UDP, RTP/RTSP, HTTP, and HLS



Uncompressed 4K HDMI and IR over LAN Extender H-4K-HDMI-TX/RX

This 4K HDMI extender includes a transmitter unit and a receiver unit, allows the HDMI signal to be transmitted up to 70 meters at 4K resolution using a CAT6/6A/7 network cable. It is perfect for outdoor advertising, video clips, monitor systems, home entertainment, and conference.



4K HEVC IP and USB HD Video Decoder - IP Stream Input to HDMI Output H-IP-HDMI

The H-IP-HDMI is a Managed IP Video Decoder that can intake a TS signal and decode almost any incoming HEVC, H.265, H.264, and Mpeg-2 stream at up to 1920x1080@ 60fps and 3840x2160@ 30fps. It can decode various protocols including: IPv4/v6, TCP, UDP, HTTP, HLS, RTP, RTSP, RTMP, FTP, and IGMP (Multicast). This will allow you to interface and broadcast from all types of websites, encoders, servers and hosts; from YouTube to private UDP streams. Unit comes equipped with a GUI interface so you can access it remotely.



4 or 8 HDMI Inputs H264 Network Encoder UDP(Unicast/Multicast), RTSP, RTMP, HTTP, HLS H-4HDMI-IPCast

Real-time Network Encoder with 4 and 8 HDMI HDCP Compliant Inputs for IPTV Streaming. The unit has built-in IPTV server and supports multiple IP streaming protocols like UDP, RTSP, HLS, HTTP, RTMP, for direct steaming over LAN and WAN Supports full HD 480i / 720p / 1080i / 1080p and H.264 Video Encoding



HDMI/DVI/VGA USB KVM Extender over IP with Video-Wall F-DVI-TX/RX

The F-DVI-TX/RX is a perfect solution for HDMI, DVI, VGA with USB, IR, RS232 over IP based SFP Optical Module. The system includes a transmitter (TX) and Receiver (RX). Unit has a standard fiber-optic SFP module you can plug in directly to the Gigabit Ethernet switch optical interface. You can use Transmitter and receiver without the switch connecting them together over duplex LC fiber optic jumper



Low Cost Mini Dual HDMI IP Encoder H.264 Streamer - RTSP/ RTMP/HTTP/HLS/UDP/RTP/SRT DUO MAGNI

The DUO MAGNI is designed to convert the 2 unique HDMI signals to IP SPTS with H.264 encoding.



Mini SD/HD/3D SDI Encoder streamer - UDP unicast/multicast, RTMP, HTTP, ONVIF, RTP, HLS, SRT NetLink Mini

Thor NetLink Mini SDI is a simple solution for an SDI IPTV H.264/H.265 encoder-streamer for LAN and WAN. It is designed for video streaming, live broadcasting, tele-education, telemedicine, etc. It supports UDP unicast/multicast, RTMP, HTTP, ONVIF, RTP, HLS, SRT transmission, and point-to-point as well as point to multi-point transmission.



DVI or VGA over IP H-VGA-DVI-IP-TxRx

Transport of DVI or VGA High Definition Video Signals Through IP Based Networks. The Thor H-DVI-VGA-IP is a perfect VGA over IP solution to extend DVI/VGA with Audio & RS-232 signals over IP Ethernet. The Transmitter connects with a PC or any device with VGA/DVI/Audio outputs. The Receiver connects to DVI/VGA display, and optional speaker/RS-232 device. All available 100M, Gigabit or Fiber Ethernet switches can be used to connect the Transmitter and the Receiver over LAN. You don't need to have a dedicated line for the system. Just plug the transmitter and receiver into Ethernet network to stream VGA through this IP video extender and enjoy the real time high quality audio and video content.



SDI to HDMI Mini converter H-SDI-HDMI

The Thor Broadcast SDI to HDMI Converter uses a unique technology, delivering clear and vivid pictures on your HDMI displays. Supports auto resolution detection of HD-SDI, SD-SDI and 3G-SDI.

Embedded SDI/HD-SDI audio is supported in the HDMI output allowing a convenient single cable audio/video connection. Supports resolutions up to 1080P gives this unit a superior quality while maintaining its high performance



HDMI to 3G HD/SD- SDI Converter H-HDMI-SDI

HDMI to SDI Converter will take any HDMI source and convert it to 2 (dual) SD/HD-SDI(3G). The HDMI to SD/HD-SDI converter allows you to take any HDMI signal content and make it available to be displayed on any SDI viewing device while maintaining max bit rate of 2.970G/s to give you highest supported resolution from your signal without any loss.

For PRO-DVB personnel this means that it is easier to convert your HDMI signal with audio to 3G SDI over longer cable runs



Managed 16 Ch ASI Distribution Amplifier H-ASI-AMP

16 Channel DVB ASI Splitter Distribution Amplifier With Re-Clocked Output 2 ASI Inputs, Each Input have 8 Outputs - Plug And Play



DVB ASI Over IP Gateway H-ASI-IP

ASI to IP / IP to ASI or Bi Directional DVB ASI over IP Gateway for MPEG2 MPEG4 Transport Streams over Ethernet Networks.



1-1000Mhz RF Redundancy Switch H-RF-SWITCH

TV Cable or ATSC Off Air RF Auto Redundancy Failover Switch 5-1000Mhz
H-RF-SWITCH 2x1 redundant RF CATV 5 - 1000Mhz Switch

An RF switch is used for signal distribution redundancy or for remote RF switching. Our RF Switch has two inputs and a single output. One of the inputs acts as the primary channel while the second is used for failover protection. When the switch detects that the incoming RF to the primary channel has dropped below a set reference level the unit will immediately switch to the backup channel. The unit can also be switched manually by either its front control panel or remotely via Ethernet SNMP. Our unit features full remote management for setting system parameters and system monitoring.



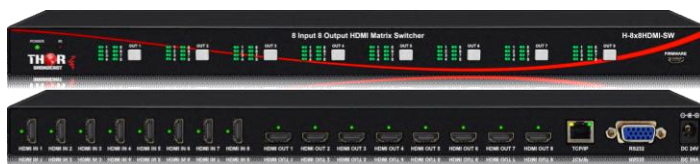
8 Program MPEG2 H264 Matrix Hardware Transcoder H-8TS-HWTC

Dedicated hardware transcoding solution for matrix conversion between MPEG-2 and H.264. Can convert up to 8 programs between MPEG-2 and H.264 and supports HD to SD scaling. Available with 8 RF tuners or 6 ASI inputs.



ATSC MPEG2 H264 Transport Stream Matrix Hardware Transcoder H-8TS-ATSC

8 SD or 4 HD program transcoder, unit has RF Tuners 6 ATSC or 6 QAM or 6 DVBS2 or 6 ASI Inputs This is a professional bidirectional transcoder to convert video between H.264 and MPEG-2 format and also to transcode between HD and SD programs simultaneously. It is equipped with 6 Tuner inputs and an IP input to receive digital channels. After transcoding, it outputs MPTS & SPTS through the DATA port or ASI port.



8 Input 8 Output HDMI Matrix Switcher H-8x8HDMI-SW

Thor Broadcast H-8x8HDMI-SW rack-mount or standalone 8x8 HDMI switcher with remote, multiple control options and easy to use GUI. Now you can use an HDMI matrix switcher to control up to 8 different HDMI sources going to 8 different HDMI screens. Simple setup and smart EDID management, HDCP 1.4 compliant, HDMI 1.3a version with resolutions up to 1080p 60hz



ASI MPEG Transport Stream over DS3 / T3 / E3 H-ASI-DS3-B

ASI to DS3 or E3 (model dependent) , DS3 or E3 to ASI or Bi Directional Transport of DVB-ASI Transport Streams over a single DS3 Carrier Line



8 DVB ASI Mux Over IP Gateway H-8ASI-IP

The H-8ASI-IP ASI over IP Gateway is designed to carry up to eight standard DVB ASI transport streams over a gigabit Ethernet IP network. The unit can function as an IP stream transmitter, converting the ASI MPEG-2 transport stream into an IP stream for transport to multiple network locations. The IP transport stream can also be multi-cast to many different locations and devices. The signals can even be broadcast to computers running MPEG stream capture software such as VLC. The H-8ASI-IP can also be paired with the 2pcs H-IP-4ASI allowing seamless transport of up to 8 ASI signals over an IP network.



32 IPTV TS's INPUT TO 4 ASI OUTPUT H-IP-4ASI

32 IPTV TS's INPUT TO 4 ASI OUTPUT supports 64 IP input and 4 ASI output. The input IP signal will be sent to signal processor after synchronized process, and the processor will be multiplexed and scrambled to output 4 ASI directly. It supports 4 CAS/SMS simulcrypt. It suits 1U rack and can be configured by front panel LCD and NMS (network management software). Its high-integrated and cost-effective design makes it widely used in varieties of digital broadcasting distribution systems.



8 Ch DVB ASI Multiplexer H-8ASI-MUX

H-8ASI-MUX IP Multiplexer is Thor's latest multiplexing device for digital TV broadcasting head-end systems with TS output through 2 x 4 bi-directional ASI and 3 bi-directional IP ports. It can multiplex up to 4 ASI and 513 IP inputs to 5 MPTS, and the amount of ASI output should be based on the ASI input (the ASI port can be used as input or output). The H-8ASI-MUX IP multiplexer has the functions of supporting auto-generation of PSI/SI information, PID re-mapping, service filtering, and PCR adjusting. In conclusion, its high integration and cost-effective design make this device widely used in the CATV Broadcasting system.



16 RF Tuners to IPTV TS & RF Transmodulator Output

H-16ATSC-IP-16QAM

The transmodulator is a multi-standard RF CATV device used for the multiconversion of digital transmissions, supporting QAM, ATSC, and satellite DVB-S/S2, as well as DVB-T, DVB-C, and ISDB-T for both inputs and outputs. It facilitates various modulation conversions, such as ATSC to QAM, QAM to ATSC, QAM to QAM, DVB-S/S2 to QAM, DVB-S/S2 to ATSC, DVB-S/S2 to DVB-T, and DVB-S/S2 to ISDB-T



IRD - Satellite or ATSC Decoder to SDI, IP, ASI, Closed Captions

H-IRD-V3

High end state of the art decoder with RF tuner, advanced IP streaming, front LCD confidence monitor, and supports 608 and 708 closed captioning. RF tuners for DVB-S2, ATSC, and QAM are available. All settings and alarm information are available through web browser based network management console



ATSC or QAM to IP gateway, ATSC QAM IPTV broadcast system

H-8ATSC-IP

8 x ATSC Antenna Tuners to IPTV 8 x CABLE QAM Tuners to IPTV 8 x Satellite DVB-S2 Tuners to IPTV 8 x DVB-T Tuners to IPTV 8 x ISDB-T Tuners to IPTV



16 RF Tuners to IPTV

H-16ATSC-IP

This is a Family of products equipped with 16 RF Tuners, tuners could decode the following: QAM Annex A&B, DVB-T, DVB-T2, ISDB-T; model dependent units ATSC, DVBS/S2 The unit works as an RF to IP Gateway and can output IP SPTS Multicast or Unicast CONVERT 16 CATV RF to IP



4 X Satellite or ATSC IRD Decoder to IP and ASI

H-IRD-V4

Four independent RF tuners demodulate the entire carrier band frequency to IPTV MPTS, ASI and CATV QAM. High density program stream IRD for satellite, terrestrial ATSC, DVB-T, ISDB-T and QAM cable TV applications. ASI input for multiplexing additional TS programs to output simultaneously. 5 different RF tuner options available: ATSC, DVB-S2, DVB-T, ISDB-T or QAM (model dependent)

RF CATV and IPTV OTT STB's



QAM CATV RF and ATSC RF to HDMI Decoder STB / Digital RF to HDMI Decoder H-STB-QAM-ATSC

RF QAM or ATSC to HDMI converter - Digital TV Converter Set Top Box - Unique Universal cable TV QAM and Off-Air ATSC RF IRD Integrated Receiver Decoder and PVR Recorder. Works as ATSC to HDMI and Analog RF and QAM to HDMI and Analog RF Demodulator (DEMOMD)



Compact IP Decoder Set Top Box H-STB-IP

High Definition IP Set Top Box for decoding IP streams from an encoder. This unit can be easily mounted behind a display to bring HDMI connectivity to remote locations for displaying network content.



4K HEVC IP and USB HD Video Decoder - IP Stream Input HDMI Output H-IP-HDMI

The H-IP-HDMI is a Managed IP Video Decoder that can intake a TS signal and decode almost any incoming HEVC, H.265, H.264, and Mpeg-2 stream at up to 1920x1080@ 60fps and 3840x2160@ 30fps. It can decode various protocols including: IPv4/v6, TCP, UDP, HTTP, HLS, RTP, RTSP, RTMP, FTP, and IGMP (Multicast). This will allow you to interface and broadcast from all types of websites, encoders, servers and hosts; from YouTube to private UDP streams. Unit comes equipped with a GUI interface so you can access it remotely



IP to HD SD SDI Video Decoder IP Stream Input SDI Output H-IP-SDI

The H-IP-SDI is a Managed IPTV to SDI Video Decoder that can intake a TS signal and decode almost any incoming HEVC, H.265, H.264, and Mpeg-2 stream at up to 1920x1080@ 60fps and 3840x2160@ 30fps. It can decode various protocols including IPv4/v6, TCP, UDP, HTTP, HLS, RTP, RTSP, RTMP, FTP, and IGMP (Multicast). This will allow you to interface and broadcast from all types of websites, encoders, servers, and hosts; from YouTube to private UDP streams. The unit comes equipped with a GUI interface so you can access it remotely.

SD/HD-SDI up to 1080i/60 1-8 channels 0-120KM



1 SDI & HDSDI Over Fiber MINI Extender

F-M1SDI-TX/RX

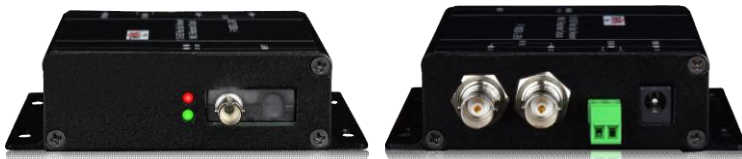
(SD/HD-SDI coax-to-fiber) throw-down converter. Transmit multi-rate SD/HD-SDI video, up to 1.485Gb/s, at extended distances up to 80Km over one strand of single mode optical fiber, better than a rattler. F-M1SDI transmitter and receiver kit for transporting HD-SDI, SD-SDI, or DVB-ASI digital broadcast video signals over fiber cable. Provides 1 channel of RS-485 control data over a return path from the Rx back to the Tx.



1 SDI & HDSDI Over Fiber Micro Extender

F-MicroSDI-TxRx

(SD/HD-SDI coax-to-fiber) throw-down converter. Transmit multi-rate SD/HD-SDI video, up to 1.485Gb/s, at extended distances up to 80Km over one strand of single mode optical fiber, better than a rattler. F-Micro-SDI transmitter and receiver kit for transporting HD-SDI, SD-SDI digital broadcast video signals over fiber cable. Provides 1 channel of RS-485 control data over a return path from the Rx back to the Tx.



1 SDI Tx with loop and Rx with 2 output over Fiber

F-1MSDI-L-2TX-TxRx

The F-1MSDI-L-2TX is a mini Fiber Optic Transport unit that is utilized and extra loop out SDI connector on the transmitter for monitoring and for additional screening. The matching receiver F-1MSDI-L-2RX uses the same technology as the transmitter so you can actually have 2 SDI outputs on the receiving end of the Fiber. This allows for easy access to redistribute a primary Fiber Cable that needs to be split to two SDI outputs.



2 SDI or HDSDI Fiber Optic MINI Extender

F-M2SDI-Tx/Rx

This transmitter and receiver set transports two full channels of HD-SDI or SD-SDI over fiber cable. Provides return path RS-485 as well as an auxiliary port that can support audio, RS-232/422, or contact closure.



1 Bi-Directional HD-SDI and 10/100 Ethernet+ RS485 + Audio over single Fiber TX/RX

F-M1SDI-TR-ET

The F-M1SDI-TR-ET is a high performance, reliable, 1-channel bidirectional HD-SDI video optical transceiver plus 10/100 Ethernet transceiver over the single fiber which performs in real-time, loss-free, and high-quality SDI video and Ethernet transmission over an optical single-mode fiber.



1 HD-SDI + 2 10/100 Ethernet + RS485 + Audio over single fiber TX/RX F-1MSDI-2ET

The F-1MSDI-2ET-TX/RX is a 1-channel HD-SDI Video + 2 10/100 Bi-directional transceiver over single fiber which performs in real-time, loss-free, for high-quality video transmission over an optical single mode fiber. Provides two 10/100Mb/s Ethernet Data(shared transmission) which can be widely used in TV live broadcast, high-definition video conferencing, high-definition video monitoring; in addition it also transports 1 RS485 and two optional Analog Audio. You can purchase Aux to further enhance the settings on these units.



4 HD-SDI + 10/100 Ethernet +RS485 Audio over single fiber TX/RX with Aux F-M4SDI-ET-TxRx

The F-M4SDI-ET-TxRx is a 4-channel SD/HD-SDI video and 1x 10/100 Bi-directional data transceiver over single fiber which performs in real-time, for high-quality video transmission over a single optical fiber. Provides one 10/100Mb/s Fast Ethernet (data transmission) which can be widely used in TV live broadcast, high-definition video conferencing, high-definition video monitoring In addition it also transports RS485 and has availability for an Aux Card (purchased separately).



8 SDI / HDSDI Over 1 Fiber Optical Transmission Multiplexer F-M8SDI-TxRx

8 Ch HD-SDI Fiber Kit with Dual Aux for Analog Audio or RS422/485/232 data or Contact closure



4 SDI / HDSDI Over 1 Fiber MINI Extender F-M4SDI-TxRx

4 Ch Mini HD-SDI Fiber Optic Kit with Aux F-M4SDI transmitter and receiver set transports four full HD-SDI, SD-SDI, or DVB-ASI digital video over fiber. Provides return path RS-485 in addition to Aux port that optionally supports audio, RS-232/422, or contact closure.



8 SD/HD-SDI + Ethernet over single fiber Transmission Kit F-M8SDI-ET-TxRx

8 HD-SDI + Analog Audio + 10/100 Ethernet + RS422/485/232 DATA over single fiber



4 Bi - Directional SDI / HDSDI Over 1 Fiber Transceiver

F-4SDI-B-TX/RX

4CH Bi-directional HD SDI + External Audio and RS232/422/485 control data over single fiber



1 SD/HD 3G-SDI Over Single Fiber CWDM Uncompressed Rack-Mountable

F-1SDI-TxRx-RM

HD/SD-SDIHD/SD/3G SDI1 Channel HD-SDI High Definition serial data over fiber. These units can also be customized with different lasers for transport distances of up to 150km. We can also incorporate CWDM or DWDM optics for high density systems.

SD/HD-SDI 3G SDI up to 1080p/60 1-16channels 0 120Km



HD SD 3G SDI 1x2 Splitter - SDI DA Distribution Amplifier - Booster

H-SDI-DA-1x2

The H-SDI-DA-1x2 is a high quality table mount 1x2 SDI (SD-SDI, HD-SDI, 3G-SDI) distribution amplifier



2 Ch SD/HD 3G-SDI Over Single Fiber CWDM Uncompressed Rack-Mountable

F-2SDI-3G-TxRx-RM

2 Channels SD HD 3G SDI High Definition serial data over fiber. These units can also be customized with different lasers for transport distances of up to 150km. We can also incorporate CWDM or DWDM optics for high density systems.



2 Channel Bidirectional SD/HD 3G-SDI Over Single Fiber CWDM Uncompressed Rack-Mountable

F-2SDI-B-3G-Tx/Rx-RM

2 Bidirectional Channels HD-SDI High Definition serial data over fiber. These units can also be customized with different lasers for transport distances of up to 150km. We can also incorporate CWDM or DWDM optics for high density systems.



4 Ch SD/HD 3G-SDI Over Single Fiber CWDM Uncompressed Rack-Mountable

F-4SDI-3G-TX/RX-RM

4 Channels HD-SDI High Definition serial data over fiber. These units can also be customized with different lasers for transport distances of up to 150km. We can also incorporate CWDM or DWDM optics for high density systems.



4 Channel Bidirectional SD/HD 3G-SDI Over Single Fiber CWDM Uncompressed Rack-Mountable

F-4SDI-B-3G-Tx/Rx-RM

4 Bidirectional Channels HD-SDI High Definition serial data over fiber. These units can also be customized with different lasers for transport distances of up to 150km. We can also incorporate CWDM or DWDM optics for high density systems.



8 Ch SD/HD 3G-SDI Over Single Fiber CWDM Uncompressed Rack-Mountable

F-8SDI-3G-TX/RX-RM

8 Channels 3G-SDI High Definition serial data over fiber. These units can also be customized with different lasers for transport distances of up to 120km.(model dependent) We can also incorporate CWDM or DWDM optics for high density systems. Other available configurations: 7x 3G SDI in one direction and 1x 3G SDI in the reverse direction , 6x 3G SDI in one direction and 2x 3G SDI in the reverse direction, 5x 3G SDI in one direction and 3x 3G SDI in the reverse direction over single fiber.



8 Ch SD/HD 3G-SDI Over Single Fiber with LOOP OUTPUTS

F-8SDI-3G-LOOP-TX/RX

This model, F-8SDI-3G-LOOP-TX/RX, is an 8-channel SD HD 3G fiber optic transmitter and receiver with SDI signal loop-out. The receiver also has primary outputs and mirrored secondary outputs, allowing connection to two different monitors. It is a very convenient way for SDI signal monitoring or retransmission to other locations.



16 Channel SD HD 3G SDI 4K/ UHD over one fiber transmission with SDI Loop out

F-16SDI-3G-TX/RX

This state-of-the-art professional broadcast equipment facilitates the transmission of 16 channels of SD/HD/ 3G 4K/UHD video and audio signals over one fiber optic cable without any loss in quality for distances of 20, 40, 80, or 120Km Additionally, it includes an SDI Loop out feature, allowing for the duplication or monitoring of the transmitted signal. This versatility makes it a valuable tool for video distribution and broadcasting applications where multiple channels and different video standards need to be efficiently managed and transmitted over long distances fiber optic lines or cables .



**(4K/UHD) at 30 and 60 fps
over one Fiber
F-4SDI-3G-CWDM-TX/RX**

1 channel 4K/UHD signals at 60 fps 2 channels 4K/UHD resolutions at 30 fps. 4 channels of independent 3G/HD/SD-SDI or DVB-ASI



**4 x (4K/UHD) at 30 fps or 2 x 4K
@60 fps over fiber converter
F-8SDI-3G-CWDM-TX/RX**

2 channel 4K/UHD signals at 60 fps 4 channels 4K/UHD resolutions at 30 fps. 8 channels of independent 3G/HD/SD-SDI or DVB-ASI



**1 channel SD/HD 3G SDI
Fiber Extender 1080p/60hz
F-M1SDI-3G-TX/RX**

Up to 1080p/60hz 3G SDI Optical Fiber Extenders. It allows the transport of SDI, HD-SDI, and 3G SDI over distances up to 20km using single-mode fiber optic cable with ST/PC is standard Comparable to Telecast Rattlers.

SD/HD-SDI, 3G 12G SDI up to full 4K 1-16 channels, 0 to 80Km



**4K HDMI Forward Optical Extender
with IR, RS232, or RS485 Return
F-HDMI-4K-TX/RX**

Uncompressed 4K HDMI over fiber transmitter and receiver set: It transports uncompressed HDMI video/audio signals up to 10 km over single-mode fiber or up to 3000 feet over multi-mode fiber. The units can transmit IR from the receiver to the transmitter, allowing control of video sources located on the transmitting side, such as a DVD player or Cable STB, from the receiver's location, be it a monitor or TV. Bi-directional RS232 data or RS485 data is also available for this unit.



**Bi Directional SD HD 3G 12G SDI+
Analog Audio + RS232, 485, 422 Data +
Tally Fiber Optic Transceivers
Cobra II**

These multi-functional bi-directional fiber optic transceivers Cobra II support SD, HD, 3G, 12G-SDI video with LOOP OUT, 3.5mm stereo analog audio, RS232/485/422 data, and A tally light, also known as a tally indicator or tally lamp signals over only one single mode fiber, thanks to optical CWDM multiplexing. All of this is achieved with zero delay and no compression, providing uncompressed high-quality signals over fiber for distances of up to 10km.



12G 3G HD SD-SDI to fiber 4K transmitter receiver kit F-12G-SDI-TX/RX

The F-12G-SDI-TX/RX is a high performance 1-channel 12G / 6G / 3G / HD / SD-SDI optical transceiver, with zero loss and high-quality 4K (3840x2160@60) video transmission over one single mode optical fiber.



SDI fiber extender for SD HD 3G and 4K 12G SDI with return RS485 Data F-12G-SDI-D-TX/RX

The F-12G-SDI-D-TX/RX is a high-performance 1-channel 12G/6G/3G/HD/SD-SDI optical transceiver, boasting zero loss and delivering high-quality 4K (3840x2160@60) video transmission over optical fiber. Additionally, it facilitates the return of RS485 data, enabling remote control of cameras or other devices from the video receiving location.



12G-SDI Over Fiber 2, 4 or 8 inputs F-12G-8SDI-CWDM-TX/RX

2ch 12G SDI over fiber Tx/Rx 4ch 12G SDI over fiber Tx/Rx 8ch 12G SDI over fiber Tx/Rx The F-12G CWDM Tx and Rx sets are high performance 1/2/4/8 input 12G / 6G / 3G / HD / SD-SDI optical transmission, with zero loss and high-quality 4K (3840x2160@60) video transmission over one single mode fiber up to 10Km



Broadcast Camera EFP Fiber Transmission System: 12G-SDI, XLR Audio, TALLY, Intercom, Gigabit Ethernet SpiderSDI Pro

SpiderSDI Pro is an EFP fiber transmission system, Electronic Field Production over fiber, extends broadcast camera signals over one single-mode fiber. It includes a camera-mountable portable unit and a 19-inch rack mountable unit. The unit supports 1 channel bidirectional 12G SDI video 1 channel bidirectional mini XLR audio 1 channel reverse tally 1 channel reverse 3.5 Intercom 1 channel gigabit Ethernet Single-mode single-fiber 10km LC connector Our 12G-SDI multi-function EFP fiber transmission system is our company's point-to-point fiber transmission equipment for large-scale event scene video shooting. It utilizes optical multiplexing transmission technology to provide camera operators with one channel of 12G-SDI video, forward video signal with loop out, one channel reverse 12G-SDI video, one channel forward XLR balanced audio, one channel reverse XLR balanced mono audio, one channel reverse 2.5mm physical interface remote control signal, one channel 3.5mm physical interface unbalanced audio voice intercom with volume adjustment, two channel reverse tally signals (transmitter LEMO physical interface 4 pins, receiver DB9 physical interface), one channel gigabit Ethernet signal, and one fiber interface which is LC



4 Ch SD/HD 3G-SDI with Gigabit Ethernet Over Single Fiber

F-4SDI-3G-GET-TXRX

This unit is designed to send 4 unique 3G SDI video signals and bi-directional Gigabit Ethernet over one single mode strand of fiber, with distances of up to 20 / 40 / 80 or 120 km Optical Transmitter / Receiver kit



8-Channel Bi-Directional SD/HD/3G-SDI 4K/UHD Transmission with SDI Loop Out over Single Fiber

F-8SDI-B-3G-TxRx-RM

This state-of-the-art professional broadcast equipment facilitates the transmission of 8 bidirectional channels of SD/HD/3G 4K/UHD video and audio signals over one fiber optic cable without any loss in quality for distances of 20, 40, 80, or 120Km. Additionally, it includes an SDI Loop out feature, allowing for the duplication or monitoring of the transmitted signal. This versatility makes it a valuable tool for video distribution and broadcasting applications where multiple channels and different video standards need to be efficiently managed and transmitted over long distances fiber optic lines or cables. Sold as a set, transmitter and receiver included in 1 RU standard rack mount chassis.



12G-SDI Over Fiber 2, 4 or 8 inputs

F-12G-8SDI-CWDM-TX/RX
F-12G-4SDI-CWDM-TX/RX
F-12G-2SDI-CWDM-TX/RX

The F-12G CWDM Tx and Rx sets are high performance 1/2/4/8 input 12G / 6G / 3G / HD / SD-SDI optical transmission, with zero loss and high-quality 4K (3840x2160@60) video transmission over one single mode fiber up to 10Km



2 Channel Bidirectional SD/HD 3G-SDI Over Single Fiber CWDM Uncompressed Rack-Mountable

F-2SDI-B-3G-TxRx-RM

2 Bidirectional Channels HD-SDI High Definition serial data over fiber. These units can also be customized with different lasers for transport distances of up to 150km. We can also incorporate CWDM or DWDM optics for high density systems.



4 Channel Bidirectional SD/HD 3G-SDI Over Single Fiber CWDM Uncompressed Rack-Mountable

F-4SDI-B-3G-TxRx-RM

4 Bidirectional Channels HD-SDI High Definition serial data over fiber. These units can also be customized with different lasers for transport distances of up to 150km. We can also incorporate CWDM or DWDM optics for high density systems.



Thor Optical Mini CATV RF Transmitter 45-1000Mhz F-RF-TX-MN-2mW

The Thor Fiber Optical Mini CATV RF 45-1000Mhz Transmitter is designed to transport Analog RF or digital QAM/ ATSC modulated signal up to 10Km



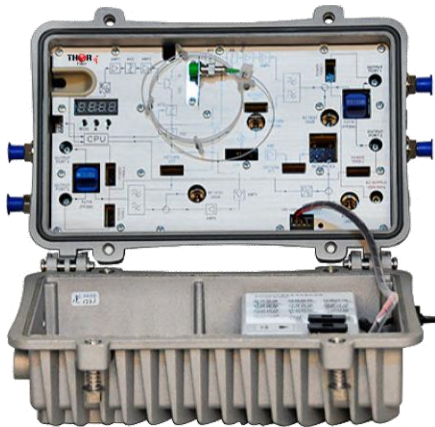
Thor Fiber Optical Mini FTTH RF CATV CABLE TV Receiver with Dual Coax Output F-RF-RX-MN-2

Thor Fiber Optical Mini FTTH Receiver to convert an optically modulated signal to Coax - electrical CATV RF or QAM / ATSC signal 45-1000Mhz - RF over fiber mini optical receiver - converter



RF CATV Mini Optical Receiver F-RF-RX-MN

Compact CATV RF receiver for use with Thor F-RF transmitter system. Fiber Input -CATV RF 45-870Mhz output.



Compact Clam Shell Outdoor Weather Proof Fiber Optic Receiver For CATV 45-1000Mhz F-Node

Compact Clam Shell Outdoor Weather Proof RF CATV Fiber Optic Receiver 45-1000Mhz with dual RF F-Type connector outputs for easy distribution into any RF architecture design



4/8/16/32 mW CATV RF Over Fiber Tx 45-870 MHz F-RF-1310-TX-4/8/16/32mW

4/8/16/32 mW Fiber Optic RF Transmitter for Television Carrier signals or any other RF in the 45-870 MHz band. Transmits full band signals with linear response.



CATV RF Fiber Receiver - High RF power - Rack Mountable F-RF-RX-RM

This is a CATV fiber optic receiver for transporting RF signals in the 40-870 MHz range. The unit can accept optical signals in all bands.



RF Fiber Break - optical RF COAX isolation solution F-RF-BR

Low Cost RF Fiber Break system for high security RF feeds. For short distance transport over fiber and for RF security to prevent any RF leaks. Prevents Coax from being used to transmit data in the return direction, using a Fiber Break Kit eliminates any possibility of your copper transmission returning on RF. Kit includes Transmitter, Fiber Jumper, and mini-Receiver.



1550nm RF Over Fiber Tx 45-870 MHz 2 -16 mW F-RF-1550-TX-2mW

Internally modulated 2-8 mW Fiber Optic RF CATV Analog or Digital QAM ATSC Transmitter for Television Carrier signals or any other RF in the 45-870 MHz band. 1550nm Optics for C-Band comparability with EDFA Optical Amplifier systems.



Optical Mini-node - CATV RF Receiver with Return Path - High RF Output Power 48dBmV F-MININODE-2RP-HP

Fiber to the home mini-node -CATV RF 45-1000Mhz Receiver with Return Path RF 5-45Mhz Optical Transmitter on the separate optical port.



1550nm Externaly Modulated CATV RF Transmitter - Analog or QAM or ATSC CATV RF Over Fiber F-RF-1550-TX-EM-2

1550nm DWDM Externaly Modulated Optical Transmitter is an ideal solution for long-distance Analog RF or Digital QAM /ATSC from 45-1000Mhz over single mode fiber. It has much better dispersion and stability than a 1550nm internally modulated fiber optic transmitter, If your fiber distance exceeds more than 30km this is the perfect product for your application.



FTTH Optical CATV RF Mininode - CATV Optical receiver with Return Path Transmitter F-MININODE

RF Fiber Mininode for fiber to the home applications. RF ONU for FTTx based systems.



Distribution Amplifier 30/40 db 54-1000Mhz COAX CATV QAM ATSC Analog RF H-RF-AMP-30/40

The Thor 30/40 db CATV Distribution Coax Amplifier supports 54-1000mhz - 158-channel Analog RF, Cable QAM, ATSC, DVB-T, ISDB-T



COAX Cable Bi-Directional CATV RF Transmitter and Receiver over fiber - 45-1000Mhz Forward and Return Path 5-42Mhz F-RFoF-TX/RX

Coax Cable over fiber - Uniquely designed Bidirectional CATV over Fiber Set. It was designed to replace Point to Point Coax cable since CATV requires bi-directional communication, this transceiver units provide service over Coax cable that have 2 different components (CATV + Internet)



40db CATV RF Amplifier Forward 54-1000MHz - Return 5-42MHz H-RF-AMP-40-RM

The Thor 40db CATV Distribution Coax Amplifier supports 54-1000mhz -Analog RF, Cable QAM, ATSC, DVB-T, ISDB-T 19" rack-mountable - Bi directional



4 Ch Cable TV Return Path Receiver F-RF-RP4RX

4 Channel Return Path CATV RF Optical Receiver 5-200Mhz, Fiber to Coax Excellent linearity and flatness Extremely good return loss >45 Automatic Gain Control Dual Power Supply Easy to read LCD display - RF & Fiber power level diagnostics Wideband 5-200 Mhz input range 1RU for easy install Independent Return Paths Optical Range, AGC Range -10~0 Full Thor Fiber Warranty - No Worry Guarantee



FTTx Headend F-EDFA-33-1X16

Complete design of RF forward transmitter and EDFA systems for fiber to the home systems.



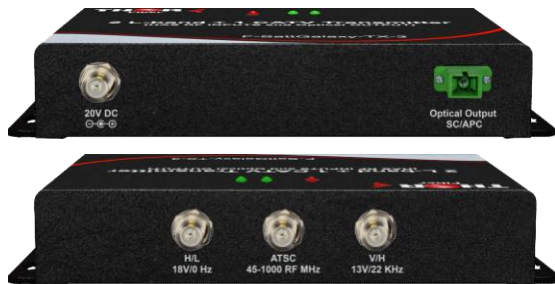
L-BAND over Fiber Tx+Rx Basic 1 Ch Kit F-Lband-TxRx

L-Band RF satellite signal extender over fiber optic cable transport system. multiple L-band fiber optic transport up to 80 Km. Can also provide LNB power at various voltages.



1 GPS Fiber Transport System F-1GPS-TX/RX

Single GPS fiber extender up to 20Km over single mode fiber w/ SC/APC connectors



2 Satellite LBand + 1 CATV QAM / ATSC RF over fiber Receiver F-SattGalaxy-TX/RX-3

F-SattGalaxy-TX/RX-3 converts optical signals distributed via passive optical network from the F-SattGalaxy-RX-3 transmitter into electrical RF signals. Specifically designed for 2 LNB's over fiber along with a CATV band over fiber as well, multiplexed together over a single mode fiber. Simple by design to setup and have working quickly; plug and play technology with SC/APC connectors; transmit your 2 polarity dish and antenna over one Singlemode Fiber. Off Air TV / Radio signals like ATSC, Analog NTSC, DVB-T, or ISDB-T, DVB-C QAM annex A/B or RF FM Radio can be used in the 3rd RF port for transmission.



4 Ch L-Band Satellite Over single Fiber Extender Transmitter and Receiver 45-3000Mhz -CWDM F-LB41-CWDM-TxRx

4 CH LNB satellite dish fiber optic transport over single mode fiber optic cable 4 Laser Satellite TV antenna feed over fiber optic transmitter system with internal CWDM optics. Ideal for point to point transport or Point up to 32 multipoint. Most advanced multi-channel satellite distribution system for MDU. Maximum durability with advanced automatic system adjustments to deliver 100% clear HDTV programming with zero signal loss.



4 x Satellite L-Band LNB's + 1 CATV QAM / ATSC RF over 1 fiber Transmitter MDU Distribution Solution F-SattGalaxy-TXR-5

Thor Fiber MDU Satellite over Fiber - Optical Transmitter F-SattGalaxy-TX-5 has 5 independent RF inputs, converts each satellite signal from a quad or quatro LNB, and also terrestrial off-air TV signal via antenna array in a single unit to transmit over one singlemode fiber. Thor Optical MDU Satellite Receiver F-SattGalaxy-RX converts the optical signal back to the original 4 satellite signals and the fifth terrestrial off-air TV signal injected on the TX. Off Air TV / Radio signals like ATSC, Analog NTSC, DVB-T, or ISDB-T, DVB-C QAM annex A/B or RF FM Radio can be used in the 5th RF port for transmission.



6 Ch L-Band Satellite Over single Fiber Extender Transmitter and Receiver 54-3000Mhz -CWDM F-LB61-CWDM-TxRx

6 Channel Satellite LNB fiber optic Extender. 6 LNB Satellite TV antenna feed over fiber optic transmission system with internal CWDM optics. Ideal for point to point transport, or for small (Level 1 only) scale LTTH distribution systems with 32 or less optical receivers. Supports ATSC feed from local off-air antenna 54-3000mHz. Best satellite distribution system for MDU - Multi-Dwelling Unit



1 L-Band LNB Dish over fiber Extender with Outdoor Enclosure F-LB11-TxRx

Satellite RF 1 L-Band over fiber system complete transmitter and receiver kit for harsh environment or outdoor installations.



4/6 GHz fiber optic mini Transmitter / Receiver F-RFoF-4/6GHZ-TxRx

4/6 GHz Mini Analog RF over fiber transport equipment. Transmitter has SMA 50ohm electrical interface and accepts Analog RF signal up to 4000Mhz, units come standard with optical FC/APC output. The receiver accepts an optical signal from it's FC/APC port and converts it back to the electrical RF. These units are ideal for transporting high frequency RF over fiber where copper can not complete the application due to its inherent distance limitations.



18GHz Ku-Band Fiber Optic Mini Transmitter / Receiver

F-RFoF-18GHZ-TxRx

Analog RF 10MHz to 18GHz Ku-Band fiber optic mini Transmitter and Receiver set F-RFoF-18GHZ-TxRx



4 LNB's satellite distribution system for MDU over 1 fiber – DWDM - High Power

F-LB41-DWDM-TxRx

4x Ch L-Band DWDM Transmitter for Satellite TV. Designed for delivery of satellite service to more than 5000 locations, or to be used as a satellite to home LTTH system. Used similarly as many CATV FTTH systems, instead LTTH units transport 4 independent satellite signals off the Dish and mux them into a single fiber.



6 LNB's satellite distribution system for MDU over 1 fiber - DWDM- High Power

F-LB61-DWDM-TxRx

Designed to support up to 6 satellite LNB signals for remote locating antennas and satellite dishes. Six RF inputs are provided on standard 75 ohm Type-F coax connectors. The connectors can be configured to provide 22 kHz control tone, as well as power over coax to the LNBs. DWDM transmitter can support up to 5000 end users from 1 DISH, MDU Fiber-to-the home solution



GPS over Fiber - Reference Timing Fiber Optic Waterproof Solution

F-GPS-TX-WE / F-GPS-TX-RM

Waterproof Outdoor GPS fiber optic Transmitter and 19" rack-mountable receiver, sends the signal from a GPS antenna to a receiver over singlemode fiber. The transmitter and receiver has RF and Optical meters, allows quick and seamless implementation without any Optical and RF instruments.



1-4 GPS over Fiber F-4GPS-TxRx

This unit is for transporting GPS RF carrier signals over fiber for transport indoors or to non line of sight locations. Perfect for hangars, ships, or buildings. Provides a transparent and secure RF connection between your GPS antenna and receiver for distances from 100 ft to 20Km The GPS signal the frequency standard can generate very precise timing or sinewave outputs that are used in a variety of applications.



4 GPS signals over the Fiber TX/RX with Outdoor Waterproof Enclosure F-4GPS-TX-WE/RM

4 GPS RF carrier signals over 4 fiber Outdoor waterproof enclosure optical Transmitter and 19" rack-mountable Receiver with redundant power supply



20 GHz over fiber Ku-Band Transmitter Receiver F-RFoF-20GHZ-Tx/Rx

The Thor 20GHz Transmitter is a high performance Lightwave Transmitter Module designed for analog photonics applications from DC to 20 GHz



Ku-BAND over Fiber F-KUBAND

Ku-Band RF over fiber optic cable transport system. Can be customized for transport distances of up to 150 Km. Can also provide LNB power at various voltages.



S-BAND over Fiber F-SBAND

S-Band RF over fiber optic cable transport system. Can be customized for transport distances of up to 150 Km. Can also provide LNB power at various voltages.



10/100 Mbps Single-Mode Multimode Fiber Ethernet Media Converter SC

F-FE-TR-SM

Compact 10/100 Ethernet to fiber media converter. Copper RJ45 Ethernet to duplex SC fiber connector, fully compliant with IEEE 802.3 and 802.3u Fast Ethernet standards, 10/100Mbps Auto Negotiation, Auto cross over for TP port. Single Mode and Multi Mode models available



10/100 Mbps Fast Ethernet Over 1 Fiber Media Converter SC / UPC

F-FE-TRS-A

Bi-directional 10/100 Ethernet Transport over one fiber (SC/PC), the Converter has 1 single fiber optic connector for transmitting at 1310nm and receiving at 1550nm, and one RJ-45 10/100 to 100FX Single Fiber WDM Media Converter. One Single Mode fiber will allow bi-directional transmission of data between Tx and Rx simultaneously of up to 20km. Units are labeled A & B; which is one set.



10/100/1000 Mbps Fast and Gigabit Ethernet Over 1 Fiber Media Converter Kit

F-GET-TRS-A and F-GET-TRS-B

Bi-directional 10/100/1000 Fast and Gigabit Ethernet Transport over one fiber; the Converter has 1 single fiber optic connector for transmitting at 1310nm and receiving at 1550nm, and 10/100/1000Base-TX to 1000Base-FX Fast and Gigabit Ethernet copper RJ45 to fiber Converter SC/UPC, The Link contain both units A and B side + power supplies



10/100/1000 Mbps Gigabit Single-Mode Fiber Ethernet Media Converter SC

F-GET-TR-SM

Thor Fiber 10/100/1000 Mbps Fast and Gigabit Single-Mode Fiber Ethernet Media Converter SC - Convert and extend a Gigabit Ethernet connection up to 20km or (40/80km over Single Mode), multimode SC fiber up to 3000ft- fiber converter - gigabit media converter - fiber converter - 1000base-sx

10/100/1000Mbps Fast and Gigabit Ethernet Fiber Media Converter WITH SFP

F-GET-SFP-TR



10/100/1000Base-T to 1000Base-X or 100Base-X Flexible Fiber SFP Media Converters. The optics can be customized for transport distances of up to 150 Km

1 or 2 Telephone Line over Fiber

F-1TEL-Tx/RX



1 -2 Channel telephone over fiber transceiver for secure telephone lines. These units transport the phone signal over fiber optic cable and are impossible to tap.

4 Telephone Lines over Fiber

F-4TEL-TX/RX



4 Channel telephone over fiber transceiver for secure telephone lines. These units transport the phone signal over fiber optic cable and are impossible to tap.

8 Analog Telephone Lines over Fiber transceiver

F-8TEL-TX/RX



Extend independent 8 phones over 1 fiber optic cable. 8 Channel telephone over fiber transceiver for secure telephone lines. These units transport the standard analog phone signal point to point over fiber optic cable and are impossible to tap.



16 Analog Telephone Lines over Fiber transceiver F-16TEL-Tx/RX

Extend independent 16 phones over 1 fiber optic cable. 16 Channel telephones over fiber transceiver for secure telephone lines. These units transport the standard analog phone signal point to point over fiber optic cable and are impossible to tap.



USB Fiber Optic Transmission System F-4USB-TX/RX-SFP

4 Port USB Fiber Optic Extender - This kit includes a transmitter and a receiver, can extend USB signals bidirectionally over just one fiber. USB 1.1 & 2.0 up to 10km over single mode fiber -1.25Gbps (SFP Included)



Serial RS-485, RS-422, RS-232 to Fiber Media Converters F-RSD-TX/RX

Serial Asynchronous Data Fiber Converters. This unit converts RS-232 or RS-422 or RS-485 to fiber optic cable. By transmitting data over optical fiber, these serial media converters provide an economical path to extend the reach of serial devices



T1 or E1 Over Fiber F-1E1/T1-Tx-MM

Transport of E1 or T1 carrier signals over fiber is possible with these units. Transport distances of up to 150 Km is possible with custom optics.



Ethernet Data Card Modules for Fiber Optic Chassis F-CHASSIS

Card Modules for Gigabit Ethernet, 10/100 Ethernet, T1/E1 Lines, or RS-232 for Fiber Optic Chassis System

Analog Audio Video



XLR Audio over Fiber

F-2/4/8/16/32A-XLR-TX/RX

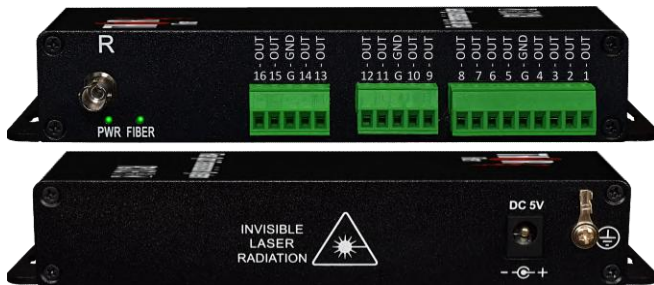
2, 4, 8, 16 or 32 XLR kits allow for balanced audio to be sent over long distances using single mode or multimode fiber without losing quality.



8 Professional High Quality 3-PIN XLR Audio over fiber extender

F-8XLR-HiFi-TX/RX

The F-8XLR-HiFi-TX/RX is the HIFI professional audio optical transceiver with 3-PIN XLR interface, performs high-quality 1~8-ch HIFI audio transmission over an optical line. Fiber Optic Transmitter High-Quality audio signals are converted to digital signals and then converted to optical signals for transmission. Fiber Optic Receiver does the photoelectric conversion from modulated light signal to the analog XLR signal output. Used for professional and extremely high-quality audio transmission over the fiber.



Analog AUDIO over fiber

F-2A-TxRx

2, 4, 8, 16, or 32 Unbalanced Analog Audio fiber optic transmitter and receiver kits allow you to transport and extend analog audio over single mode or multi-mode fiber. Perfect for intercom over fiber extension.



XLR Analog Audio with 48V DC Phantom Power

F-2/4/8A-XLR-PHP-TxRx

F-2/4A-XLR-B-PHP-TxRx

Analog - Balance XLR Audio with 48V DC phantom fiber optic extenders



2-32 Audio Over Fiber - RCA Connector F-2A-RCA-TX/RX

RCA Audio over Fiber Transmission System sends 2-32 channels of RCA line level audios over one multi-mode or one single-mode optical fiber. Plug and Play units, easily deployed, and exceptional reliability.



1 Video 2-8 Audio to Fiber F-1V2A-TX/RX

Broadcast quality F-1V2A is a 1 channel composite video 2/4/6/8 audio to fiber multiplexer. We can customize the unit with different lasers to carry composite audio video over fiber for distances up to 40Km, 80Km, 120 Km and 150 Km.



2 Video 4 Audio Over Fiber F-2V4A-TX/RX

The F-2V4A is a broadcast quality 2 channel baseband, composite video to fiber multiplexer. We can customize the unit with different lasers for the video to fiber to distances up to 120 Km.



4 Video 8 Audio To Fiber F-4V8A-TX/RX

The F-4V8A is a 4 channel broadcast quality composite video to fiber multiplexer. We can customize the unit with different lasers for video/ audio over fiber for distances up to 120 Km.



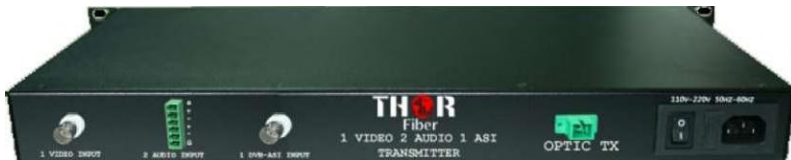
8 Video 16 Audio over Fiber F-8V16A-TX/RX

Broadcast quality F-8V16A is an 8 channel composite video / audio over fiber transmission system. We can customize the unit with different lasers for video over fiber distances up to 120 Km.



16 Video 32 Audio over Fiber F-16V32A

Broadcast quality F-16V32A is a 16 channel composite video / Audio over fiber multiplexer. We can customize the unit with different CWDM /DWDM lasers for transmission distances up to 120 Km.



1 Video 2 Audio 1 DVB- ASI or SDI over Fiber F-1V2A1ASI-TX/RX

The F-1V2A1ASI is a Baseband Analog Video / Audio and Digital Video / Audio - SDI or ASI fiber optic transmission system over single fiber. It multiplexes video, Audio, SDI, or ASI and sends it over 1 strand of fiber for up to 120KM



16 Video CVBS And RS485 Data over fiber

16 X CVBS Baseband video multiplexer and one RS485 data transmission over fiber. Used for the 16 analog cameras to fiber extenders over fiber optic cable.

Fiber Amplifiers - EDFA



**Triple play and HTTP PON EDFA -
8,16,32 or 64 Port Optical amplifier
with incorporated 1310nm/1490nm/
1550nm CWDM passives
F-EDFA-CWDM**

This type high output EDFA Adopts EYDFA technology and mostly used in triple-play and FTTH solution



**14 dBm EDFA
Optical Amplifier
F-EDFA-14**

14 dBm EDFA Constant Output Optical Amplifier for 1550nm



**16 dBm EDFA
Optical Amplifier
F-EDFA-16**

16 dBm EDFA Constant Output Optical Amplifier for 1550nm



**18 dBm EDFA
Optical Amplifier
F-EDFA-18**

18 dBm EDFA Constant Output Optical Amplifier for 1550nm



20 dBm EDFA Optical Amplifier F-EDFA-20

20 dBm EDFA Constant Output Optical Amplifier for 1550nm



22 dBm EDFA Optical Amplifier F-EDFA-22

22 dBm EDFA Constant Output Optical Amplifier for 1550nm



24 dBm EDFA Optical Amplifier F-EDFA-24

24 dBm EDFA Constant Output Optical Amplifier for 1550nm



DWDM Pre-amplifier EDFA F-PD-EDFA-XX

The PA EDFA is used before the optical receiver to amplify the DWDM optical signal and increase the optical budget and transmission distance in fiber.



1 Ch DVB ASI Over Fiber F-1ASI

1 channel of DVB-ASI or SD-SDI serial data over fiber. These units can also be customized with different lasers for transport distances of up to 150km. We can also incorporate CWDM or DWDM optics for high density systems.



2 Channel DVB ASI Over Fiber F-2ASI

2 channels of DVB-ASI or SD-SDI serial data over fiber. These units can also be customized with different lasers for transport distances of up to 150km. We can also incorporate CWDM or DWDM optics for high density systems.



4 Channel DVB ASI Over Fiber F-4ASI-TX/RX (Transmitter / Receiver Kit)

4 channels of DVB-ASI or SD-SDI serial data over fiber. These units can also be customized with different lasers for transport distances of up to 150km. We can also incorporate CWDM or DWDM optics for high density systems.



8 Channel DVB ASI Over Fiber F-8ASI-TX/RX TX+RX kit

8 channels of DVB-ASI or SD-SDI serial data over fiber. These units can also be customized with different lasers for transport distances of up to 150km. We can also incorporate CWDM or DWDM optics for high-density systems.



1 DVB-ASI and 1 Video 2 Audio over one Fiber F-1V2A1ASI

The F-1V2A1ASI is an Analog and Digital video over fiber multiplexer. It optically transports 1 channel of composite video 2-8 Audio + 1 SDI or ASI over a single fiber optic line. We can also incorporate more channels upon request



Insertion loss 4dB

1x2 Rackmount Fiber Optic - Optical Couplers

F-PLC-1x2



Insertion loss 4dB

1x2 Compact LGX Fiber Optic - Optical Couplers

F-PLC-1x2-LGX



Insertion loss 7.4dB

1x4 Rackmount Fiber Optic - Optical Couplers

F-PLC-1x4



Insertion loss 7.4dB

1x4 Compact LGX Fiber Optic - Optical Couplers

F-PLC-1x4-LGX



Insertion loss 10.5dB

1x8 Rackmount Fiber Optic - Optical Couplers

F-PLC-1x8



Insertion loss 13.8dB

1x16 Rackmount Fiber Optic - Optical Couplers

F-PLC-1x16



Insertion loss 16.7dB

1x32 Rackmount Fiber Optic - Optical Couplers

F-PLC-1x32



Wavelength Division Multiplexer WDM

Wavelength division multiplexer units for WDM, CWDM or DWDM applications. We also can customize our equipment for use with these optics.



Managed Fiber Optic Switch F-OS-2x1

Managed Fiber Optic Optical Switch for System Redundancy

5 to 1000 Mhz, 18dB insertion loss



Analog VIDEO AUDIO DATA over fiber F-1V2A-1D-TxRx

A simple device for extending 1 or multiple Video's & Audio's with RS485 Serial Data over single mode or multimode fiber Stand-alone Analog Composite 1-32 CVBS Video with 2-64 Analog Stereo Audio and reversed RS 485 Data fiber optic transmitter and receiver kits allow you to transport and Video /Audio in one direction and be able to control the camera or another video device by RS485 data from the receiving location extend analog audio over single mode or multimode fiber. Perfect for monitoring, security, PTZ, surveillance, CCTV, or broadcast applications, Units can be used for timing application to send block burst over fiber or sync pulses over fiber



1 CVBS Video Only over fiber TX/RX kit F-1V-TxRx

Compact Single Channel Analog Baseband(BNC)NTSC or PAL video over singlemode or multimode fiber



2 Ch Video Over Fiber F-2V-TxRx

2 Channel Baseband Composite video over fiber



4 Ch Video Over Fiber F-4VD-TxRx

4 Channel Baseband Composite video over fiber for the security industry



8 Ch Video Over Fiber F-8V-TxRx

8 Channel Baseband Composite video over fiber for the security industry



16 Ch Baseband Video and RS485 / RS422 / RS232 Over Fiber F-16V-TxRx

16 Channel Baseband Composite video over fiber for the security industry



1 HD-TVI Video over Fiber F-1HD-TVI-TxRx

1 HD-TVI - AHD-H, AHD-M, AHD-L / HD-TVI 720P & 1080P / HD-CVI 720P & 1080P 1 HD-TVI Video over Fiber Converters can transmit 1 channel HD-TV, HD-CVI, ADA HD video over fiber from the camera to the recorder or display.



2 HD-TVI 1080p Video Optical Converter F-2HD-TVI-TxRx

2 HD-TVI Video over Fiber Converters can simultaneously transmit 2 channels of AHD/TVI/CVI video over fiber. Two HD-TVI - AHD-H, AHD-M, AHD-L / HD-TVI 720P & 1080P / HD-CVI 720P & 1080P



4ch HD-TVI HD Video Fiber Extender

F-4HD-TVI-TxRx

4 HD-TVI Video over Fiber Converters can simultaneously transmit 4 channels AHD/TVI/CVI video over one fiber - Transmitter Receiver kit. Fourx HD-TVI - AHD-H, AHD-M, AHD-L / HD-TVI 720P & 1080P / HD-CVI 720P & 1080P



8 HD-TVI Video to Fiber Transmitter / Receiver

F-8HD-TVI-TxRx

Thor Fiber 8 HD-TVI Video over Fiber Converters can simultaneously transmit 8 channels of AHD/TVI/CVI video over one fiber. Eight individual HD-TVI - AHD-H, AHD-M, AHD-L / HD-TVI 720P & 1080P / HD-CVI 720P & 1080P



16 HD-TVI, AHD-H, AHD-M, AHD-L / HD-TVI 720P & 1080P / HD-CVI 720P & 1080P

F-16HD-TVI-TxRx

16 HD-TVI Video over Fiber Converter can simultaneously transmit 16 channel AHD/TVI/CVI video over one fiber optic cable. HD-TVI 720P & 1080P / HD-CVI 720P & 1080P fiber optic extender up to 20Km over single mode fiber or 2000feet over multimode fiber



Contact Closure over Fiber 2,4,8,16 one way or bidirectional

F-2CC-TX/RX

Digital Contact Closure Fiber Optic Converters series support 2 ~16 Channels simplex or 2~8 Channel duplex contact closure over one multi-mode or single-mode optical fiber.

Coax Splitters



2-Way Coax Splitter
H-SP-1x2

5 to 2100 Mhz, 4.5dB insertion loss



4-Way Coax Splitter
H-SP-1x4

5 to 2100 Mhz, 8dB insertion loss



8-Way Coax Splitter
H-SP-1x8

5 to 2100 Mhz, 11.5dB insertion loss



16-Way Coax Splitter
H-SP-1x16

5 to 1000Mhz, 14.5db insertion loss



12-Way Coax Splitter H-SP-1x12-RM

5 to 1000 Mhz, 12.5dB insertion loss



24-Way Coax Splitter H-SP-1x24-RM

5 to 1000 Mhz, 18dB insertion loss

5 to 1000 Mhz, 18dB insertion loss