

## H-IPRF-4QAM

## Quick Setup Guide

### Step 1: Connect and Login



Connect included power supply



Power Indicator LED



Connect the NMS port to your PC using an ethernet cable

Connect the DATA port to your network

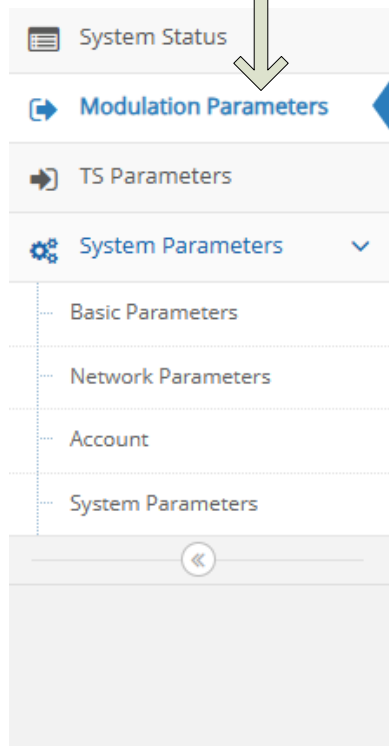
- Open web browser and go to <http://192.168.1.30>
- Login / Password: user / user

### Step 2: Modulation Parameters

1). Click "Modulation Parameters"

2). Check box to enable channel

3). Enter desired frequency (See QAM chart)



| RF Channel | RF Enable                           | Frequency (MHz) | TSID | Attenuation(dB) |
|------------|-------------------------------------|-----------------|------|-----------------|
| 1-1        | <input checked="" type="checkbox"/> | 473.000         | 1    | 0.0             |
| 1-2        | <input checked="" type="checkbox"/> | 479.000         | 1    |                 |
| 1-3        | <input checked="" type="checkbox"/> | 485.000         | 1    |                 |
| 1-4        | <input checked="" type="checkbox"/> | 491.000         | 1    |                 |

| Bandwidth | Constellation | Symbol Rate(KS/s) |
|-----------|---------------|-------------------|
| 6M        | 8VSB          | 10760             |

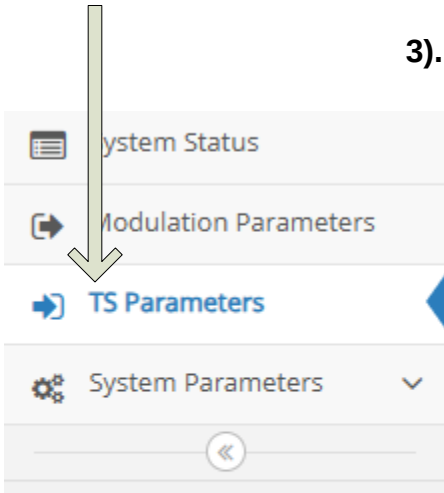
MGT: ☐ VCT: ☐ STT: ☐

Submit

4). Click "Submit"

### Step 3: Configure Incoming Streams

1). Click “TS Parameters”



2). Click “Src-IP”

3). Click “New”



New

☐ Unicast ☒ Multicast

IP Address

224.2.2.2

Port

2234

Step

1

Count

1

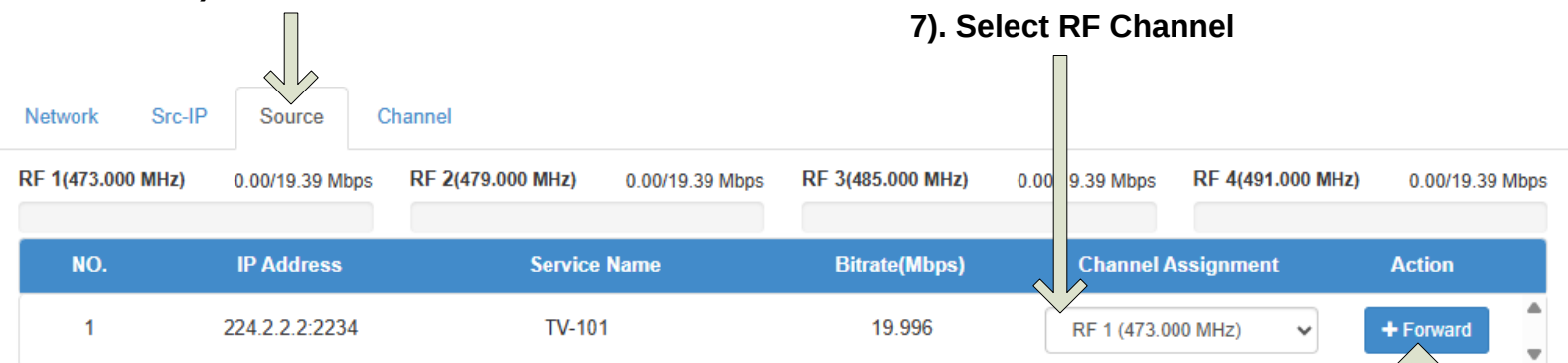
✕ Close

✓ Submit

4). Enter the IP address and port number of your incoming stream

5). Click “Submit”

6). Click “Source”



7). Select RF Channel

8). Click “Forward”

Repeat these steps as needed for additional channels

## CATV QAM Channel Center Frequency - 54 MHz to 860 MHz (J.83B)

QAM 256 / Symbol Rate 5.361Mpsps , QAM 64 / Symbol Rate 5.057Mpsps

| EIA CH. | MHz Center Frequency | EIA CH. | MHz Center Frequency | EIA CH. | MHz Center Frequency |
|---------|----------------------|---------|----------------------|---------|----------------------|
| 2       | 57                   | 42      | 333                  | 87      | 603                  |
| 3       | 63                   | 43      | 339                  | 88      | 609                  |
| 4       | 69                   | 44      | 345                  | 89      | 615                  |
| 5       | 79                   | 45      | 351                  | 90      | 621                  |
| 6       | 85                   | 46      | 357                  | 91      | 627                  |
| 95      | 93                   | 47      | 363                  | 92      | 633                  |
| 96      | 99                   | 48      | 369                  | 93      | 639                  |
| 97      | 105                  | 49      | 375                  | 94      | 645                  |
| 98      | 111                  | 50      | 381                  | 100     | 651                  |
| 99      | 117                  | 51      | 387                  | 101     | 657                  |
| 14      | 123                  | 52      | 393                  | 102     | 663                  |
| 15      | 129                  | 53      | 399                  | 103     | 669                  |
| 16      | 135                  | 54      | 405                  | 104     | 675                  |
| 17      | 141                  | 55      | 411                  | 105     | 681                  |
| 18      | 147                  | 56      | 417                  | 106     | 687                  |
| 19      | 153                  | 57      | 423                  | 107     | 693                  |
| 20      | 159                  | 58      | 429                  | 108     | 699                  |
| 21      | 165                  | 59      | 435                  | 109     | 705                  |
| 22      | 171                  | 60      | 441                  | 110     | 711                  |
| 7       | 177                  | 61      | 447                  | 111     | 717                  |
| 8       | 183                  | 62      | 453                  | 112     | 723                  |
| 9       | 189                  | 63      | 459                  | 113     | 729                  |
| 10      | 195                  | 64      | 465                  | 114     | 735                  |
| 11      | 201                  | 65      | 471                  | 115     | 741                  |
| 12      | 207                  | 66      | 477                  | 116     | 747                  |
| 13      | 213                  | 67      | 483                  | 117     | 753                  |
| 23      | 219                  | 68      | 489                  | 118     | 759                  |
| 24      | 225                  | 69      | 495                  | 119     | 765                  |
| 25      | 231                  | 70      | 501                  | 120     | 771                  |
| 26      | 237                  | 71      | 507                  | 121     | 777                  |
| 27      | 243                  | 72      | 513                  | 122     | 783                  |
| 28      | 249                  | 73      | 519                  | 123     | 789                  |
| 29      | 255                  | 74      | 525                  | 124     | 795                  |
| 30      | 261                  | 75      | 531                  | 125     | 801                  |
| 31      | 267                  | 76      | 537                  | 126     | 807                  |
| 32      | 273                  | 77      | 543                  | 127     | 813                  |
| 33      | 279                  | 78      | 549                  | 128     | 819                  |
| 34      | 285                  | 79      | 555                  | 129     | 825                  |
| 35      | 291                  | 80      | 561                  | 130     | 831                  |
| 36      | 297                  | 81      | 567                  | 131     | 837                  |
| 37      | 303                  | 82      | 573                  | 132     | 843                  |
| 38      | 309                  | 83      | 579                  | 133     | 849                  |
| 39      | 315                  | 84      | 585                  | 134     | 855                  |
| 40      | 321                  | 85      | 591                  | 135     | 861                  |
| 41      | 327                  | 86      | 597                  |         |                      |

**H-IPRF-4QAM**

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