

# H-4ATSC-QAM-IP-LL

### **Quick Setup Guide**

**Step 1: Connections** 





- Connect the NMS port to your PC using an ethernet cable
  - Open web browser and go to http://192.168.0.136
- Login/Password: admin/admin



#### Step 2: Configure Inputs



#### Step 4: Modulator settings



#### Step 5: Enabling VCT





#### Step 7: Select Streams





saving configuration, please wait...

Confirmation message will appear briefly until saving is complete.



#### **Quick Setup Guide**



H-4ATSC-QAM-IP-LL

https://thorbroadcast.com

800-521-8467

| ATSC - US Television Channels (MHz) |                         |         |                         |         |                         |  |  |  |  |  |
|-------------------------------------|-------------------------|---------|-------------------------|---------|-------------------------|--|--|--|--|--|
| Channel                             | MHz Center<br>Frequency | Channel | MHz Center<br>Frequency | Channel | MHz Center<br>Frequency |  |  |  |  |  |
| 2                                   | 57                      | 27      | 551                     | 52      | 701                     |  |  |  |  |  |
| 3                                   | 63                      | 28      | 557                     | 53      | 707                     |  |  |  |  |  |
| 4                                   | 69                      | 29      | 863                     | 54      | 713                     |  |  |  |  |  |
| 5                                   | 79                      | 30      | 569                     | 55      | 719                     |  |  |  |  |  |
| 6                                   | 85                      | 31      | 575                     | 56      | 725                     |  |  |  |  |  |
| 7                                   | 177                     | 32      | 581                     | 57      | 731                     |  |  |  |  |  |
| 8                                   | 183                     | 33      | 587                     | 58      | 737                     |  |  |  |  |  |
| 9                                   | 189                     | 34      | 593                     | 59      | 743                     |  |  |  |  |  |
| 10                                  | 195                     | 35      | 599                     | 60      | 749                     |  |  |  |  |  |
| 11                                  | 201                     | 36      | 605                     | 61      | 755                     |  |  |  |  |  |
| 12                                  | 207                     | 37      | 611                     | 62      | 761                     |  |  |  |  |  |
| 13                                  | 213                     | 38      | 617                     | 63      | 767                     |  |  |  |  |  |
| 14                                  | 473                     | 39      | 623                     | 64      | 773                     |  |  |  |  |  |
| 15                                  | 479                     | 40      | 629                     | 65      | 779                     |  |  |  |  |  |
| 16                                  | 485                     | 41      | 635                     | 66      | 785                     |  |  |  |  |  |
| 17                                  | 491                     | 42      | 641                     | 67      | 791                     |  |  |  |  |  |
| 18                                  | 497                     | 43      | 647                     | 68      | 797                     |  |  |  |  |  |
| 19                                  | 503                     | 44      | 653                     | 69      | 803                     |  |  |  |  |  |
| 20                                  | 509                     | 45      | 659                     |         |                         |  |  |  |  |  |
| 21                                  | 515                     | 46      | 665                     |         |                         |  |  |  |  |  |
| 22                                  | 521                     | 47      | 671                     |         |                         |  |  |  |  |  |
| 23                                  | 527                     | 48      | 677                     |         |                         |  |  |  |  |  |
| 24                                  | 533                     | 49      | 683                     |         |                         |  |  |  |  |  |
| 25                                  | 539                     | 50      | 689                     |         |                         |  |  |  |  |  |
| 26                                  | 545                     | 51      | 695                     |         |                         |  |  |  |  |  |

## CATV QAM Channel Center Frequency Annex B, 6 MHz Channels- 54 to 1002 MHz

| Channel<br>Number | Center<br>Frequency<br>MHz | Channel<br>Number | Center<br>Frequency<br>MHz | Channel<br>Number | Center<br>Frequency<br>MHz | Channel<br>Number | Center<br>Frequency<br>MHz |
|-------------------|----------------------------|-------------------|----------------------------|-------------------|----------------------------|-------------------|----------------------------|
| 2                 | 57                         | 38                | 309                        | 79                | 555                        | 120               | 771                        |
| 3                 | 63                         | 39                | 315                        | 80                | 561                        | 121               | 777                        |
| 4                 | 69                         | 40                | 321                        | 81                | 567                        | 122               | 783                        |
| 5                 | 79                         | 41                | 327                        | 82                | 573                        | 123               | 789                        |
| 6                 | 85                         | 42                | 333                        | 83                | 579                        | 124               | 795                        |
| 95                | 93                         | 43                | 339                        | 84                | 585                        | 125               | 801                        |
| 96                | 99                         | 44                | 345                        | 85                | 591                        | 126               | 807                        |
| 97                | 105                        | 45                | 351                        | 86                | 597                        | 127               | 813                        |
| 98                | 111                        | 46                | 357                        | 87                | 603                        | 128               | 819                        |
| 99                | 117                        | 47                | 363                        | 88                | 609                        | 129               | 825                        |
| 14                | 123                        | 48                | 369                        | 89                | 615                        | 130               | 831                        |
| 15                | 129                        | 49                | 375                        | 90                | 621                        | 131               | 837                        |
| 16                | 135                        | 50                | 381                        | 91                | 627                        | 132               | 843                        |
| 17                | 141                        | 51                | 387                        | 92                | 633                        | 133               | 849                        |
| 18                | 147                        | 52                | 393                        | 93                | 639                        | 134               | 855                        |
| 19                | 153                        | 53                | 399                        | 94                | 645                        | 135               | 861                        |
| 20                | 159                        | 54                | 405                        | 95                | 651                        | 136               | 867                        |
| 21                | 165                        | 55                | 411                        | 96                | 657                        | 137               | 873                        |
| 22                | 171                        | 56                | 417                        | 97                | 663                        | 138               | 879                        |
| 7                 | 177                        | 57                | 423                        | 98                | 669                        | 139               | 885                        |
| 8                 | 183                        | 58                | 429                        | 99                | 675                        | 140               | 891                        |
| 9                 | 189                        | 59                | 435                        | 100               | 681                        | 141               | 897                        |
| 10                | 195                        | 60                | 441                        | 101               | 687                        | 142               | 903                        |
| 11                | 201                        | 61                | 447                        | 102               | 693                        | 143               | 909                        |
| 12                | 207                        | 62                | 453                        | 103               | 699                        | 144               | 915                        |
| 13                | 213                        | 63                | 459                        | 104               | 705                        | 145               | 921                        |
| 23                | 219                        | 64                | 465                        | 105               | 711                        | 146               | 927                        |
| 24                | 225                        | 65                | 471                        | 106               | 717                        | 147               | 933                        |
| 25                | 231                        | 66                | 477                        | 107               | 723                        | 148               | 939                        |
| 26                | 237                        | 67                | 483                        | 108               | 729                        | 149               | 945                        |
| 27                | 243                        | 68                | 489                        | 109               | 735                        | 150               | 951                        |
| 28                | 249                        | 69                | 495                        | 110               | 741                        | 151               | 957                        |
| 29                | 255                        | 70                | 501                        | 111               | 747                        | 152               | 963                        |
| 30                | 261                        | 71                | 507                        | 112               | 753                        | 153               | 969                        |
| 31                | 267                        | 72                | 513                        | 113               | 759                        | 154               | 975                        |
| 32                | 273                        | 73                | 519                        | 114               | 765                        | 155               | 981                        |
| 33                | 279                        | 74                | 525                        | 115               | 771                        | 156               | 987                        |
| 34                | 285                        | 75                | 531                        | 116               | 777                        | 157               | 993                        |
| 35                | 291                        | 76                | 537                        | 117               | 783                        | 158               | 999                        |
| 36                | 297                        | 77                | 543                        | 118               | 789                        |                   |                            |