# HD Digital Encoder Deluxe

## Product Specifications

19" Rack Mount Bracket Kit and
Wall Mount Accessories Included

## Description

Multicom's MUL-HDENC-C-200 delivers crystal-clear digital HD video distribution over your existing coax cabling from your HDMI, component, and composite video sources. User may select output as QAM, ATSC, ISDB-T, or DVB-T.

This single channel QAM, MPEG2, Encoder/ Modulator unit allows you to easily distribute customized SD and Full HDTV content, up to 1080p resolution, on any of 134 channels – to an unlimited number of displays, using the TV's built in tuner, eliminating the need for cumbersome, expensive set-top-boxes or media players at each display.

This Encoder/Modulator is perfect for multi-video distribution in the commercial and institutional markets, and existing networks can easily and inexpensively include Full HDTV content. Regardless if you are moving HD content around a hotel, sports bar, senior living facility, convention center, student-housing complex, apartment building, stadium, or arena, the compact and economical Multicom MUL-HDENC-C-200 HD Digital Encoder has the powerful features you need.

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|---|---|
| **Inputs** | |
| HDMI | 1.4v |
| EAS | EIA-608, RCA (CC), 3.5mm, Dry Contacts |
| **Audio Inputs** | |
| Audio Input | HDMI Embedded, Analog |
| **Video Encoder** | |
| Video Codecs | MPEG-2 VBR |
| Video Resolutions | 1080p, 1080i, 720p, 480p, 480i |
| **Audio Encoder** | |
| Audio Compression | MPEG-1 Layer II, MPEG-4 AAC |
| **RF QAM Support** | |
| Frequency | QAM: 57-861 MHz (CH 2-CH 135)<br>ATSC: 57- 803 MHz (CH2 - CH 69)<br>ISDB-Tb: 177-803 Mhz (CH7 - CH 69)<br>DVB-T:<br>6MHz: CH 2-69, 57~803MHz<br>7MHz: CH 6-9, 9A, 10-12, S11-S45, 21-69<br>8MHz: CH E2-E4, X-Z, Z1, Z2, S1-S10, E5-E12, S11-S41, E21-E69 |
| RF CH Output (Programs / QAM) | 1 Program / 1 QAM |
| Constellation | J.83B: 64 QAM/ 256 QAM (STD/HRC/IRC)<br>ATSC: 8-VSB<br>ISDB-Tb: 16 QAM/64 QAM<br>DVB-T: 16 QAM/64 QAM |
| RF Level Output | +35dBmV Typical |
| MER | >37dB (38dB Typical) |
| Interleaver | Supported |
| Modulator Modes | RF QAM, ATSC, ISDB-T, DVB-T, user selectable |
| VCN | VCN Auto, VCN Manual, VCN 1-Part |
| Attenuation | 0 – 20dB (manual) |
| RF Output | "F"- Female 75Ω |
| **Management / Control** | |
| GUI Supported | FireFox, Chrome, Safari, EDGE |
| Password Protected | Front Panel, Web Interface |
| **General** | |
| Dimensions | 9.3" x 5.75" x 1.3" |
| Front Panel | LCD Front Panel Control/Status |
| Power Supply | 12VDC, 1.5Amp |

## Features

- HDMI, component, and composite input, RF QAM, ATSC, ISDB-T, and DVB-T user selectable output
- Closed captioning on ATSC and QAM
- Adjustable Attenuation
- RJ-45 port for web configuration
- Video resolution up to 1080p
- Perfect, clean, and clear picture on high motion video, sports, text crawls/rolls, etc.
- Front panel LCD for easy setup
- Cool and silent operation
- Comes with 19" rack mount bracket kit and wall mount accessories

**MUL-HDENC-C-200-NA**

NA = Default USA: QAM
MX = Default Mexico: ATSC
CO = Default Columbia: DVB-T
LA = Default Latin America: ISDB-T

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Specifications subject to change without notice

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