

**THE ULTIMATE HD IP&RF  
SIMULCAST SERIES**



# HDM42IPC

**4 x HDMI to 2 x DVB-C + IP Streaming**



## INTRODUCTION

The Premium HDM Modulator Series offer the flexibility to place QAM channels independently. Now Hoatech introduce you the Ultimate IPTV&RF solution. Now the latest HDM IP series offer more than you can imagine. Not only does the Ultimate IP & RF Simulcast Series distribute the HD RF signals over the coax, but it also supports video-over-IP streaming at the same time.



# FEATURES

- 4 HDMI inputs / 1 IP Streaming port / 2 RF DVB-C / 1 NMS port
- Quad HDMI 1.4 Encoder with UDP or RTP IP stream output via one 10/100M RJ-45
- Supports the main IP Streaming protocols UDP/RTP unicast or multicast
- Energy-saving and long-term reliability
- Simple and intuitive step-by-step configuration
- RF&IP output with no compromise in performance.

# SPECIFICATIONS

## INPUT

**Video & Audio input** | 4 x HDMI

**Connector type** | Type A receptacle

**Video resolution** | Up to 1080p@60Hz

**Audio** | Embedded audio from HDMI input

## IP STREAMING OUTPUT

**IP stream output** | 1 x RJ-45 10/100Mbps Ethernet,  
1 x 10/100M Management

**Streams** | 4 x SPTS (1 stream per each input, 4  
streams in total)

**Output Resolution** | Up to 1080p@30Hz

**Destination IP addresses** | User programmable

**Simultaneous users** | Depending on the bit rate and the  
network infrastructure

**Latency** | 200-1500ms (Max.)

## DVB-C RF output

**DVB-C Standard** | DVB-C (ETS 300 429)

**Symbol Rate** | Up to 6.96 M Symbol/S

**Constellation** | 16/32/64/128/256QAM

**RF Carrier** | 2 in adjacent channels

**Frequency** | 50-860 MHz

**Output level** | 90-105 dBμV

**MER** | > 42 dB

**Connector Type** | 'F' female connector

## SYSTEM

**Streaming protocols** | UDP/RTP unicast or multicast

**Video encoding** | H.264/AVC

**Encoding bit rate mode** | CBR

**Video bit rate** | 4Mbps ~ 14 Mbps

**Audio encoding** | MPEG-1 audio layer II

**Audio bit rate** | 128,192,256,384Kbps

**PID Setting** | PMT/ Video & Audio/ PCR

**PSI** | NID/ ONID/P.D.S./TS ID

**LCN** | Up to 1023

**Service Name** | At most 15 characters

## CONFIGURATION

**On-site management** | LCD panel & Buttons

**Remote operation** | Control over LAN (Web GUI)

## GENERAL

**Type** | 1RU 19-inch rack mount, rack ears attached

**Dimensions/Weight** | 44x440x280mm / 3.5 kg

**Power supply** | AC 110 – 240 internal power supply

**Power consumption** | 25W

**Operation temperature** | 0 to +55 °C

**Accessories** | 1 x AC power lead