

# IP-NET™ Digital Video

MX2- DUAL IRD –STREAM PROCESSOR series  
Professional MPEG-2 DVB and ATSC Integrated Receiver Decoder

Model

# MX2- DUAL IRD



The compact MX2 Dual IRD series is cost effective solution for broadcasting, Cable and Telco's. Designed to provide you Multi function in 1RU:

- \*Receiver,
- \*Descrambling,
- \*ASI out,
- \*IP streaming.

## Business benefits:

### 1. Flexible and customized solutions

Our know-how and many years in this market, makes IP.NET products with varies of configurations, the most powerful solutions, and cost effective.

### 2. Cost saving

- Conversion between different interface types.
- With MX2 products you save significant space, time and money.

## Unique Features:

1. Incoming stream from different TS- up to 5.
2. Combine two TS to multicast IP output.
3. Service/PID filtering.
4. Two decoders MP@ML and 4:2:2P@ML
5. Build in matrix, makes the unit full automatic redundant.
6. Multi BISS-1/E, descrambling\_ up to 8 BISS services.

Inputs	Outputs
DVB-S(up to 4)	Two ASI out
DVB-S2 (up to 2)	Video out: Two Composite & Two SDI Audio: analog & embedded in SDI
DVB-T (up to 4)	AES/EBU or Dolby digital® AC-3 pass through
DVB-C(up to 4)	
IP streaming.	IP streaming Unicast/Multicast

## Compatibility:

- Support a wide variety of Conditional Access (CA) systems, DVB-CI and embedded CAS: VideoGuard® (NDS), Conax®, Viaccess®, MediaGuard®, Cryptoworks®, NagraVision®, TongFung®, SECA®, ThalesCrypt Xcrypt®, Irdeto®
- Support various data insertion including Low Speed Data over RS-232 and HSD over 100BaseT.
- Remote control via friendly GUI, SNMP and via web browse.

## IP OUTPUT

- De-jittering algorithm
- 100 BaseT Fast Ethernet
- Output rate: up to 35 Mbps
- Protocol: DVB over UDP  
DVB over RTP
- Multicast or unicast
- Support for SPTS/MPTS
- Support for VBR & CBR

## PHYSICAL & POWER

- 19" rack mountable, 1RU
- HxWxD: 1RUx19" x 16.5" (44x 486x 420mm)
- Weight: 3.5 kg.
- Voltage: 100V-240V AC, 50/60 Hz
- Operating Temperature: 0 to 50°C
- Humidity: 5-95%
- Power consumption: 50W

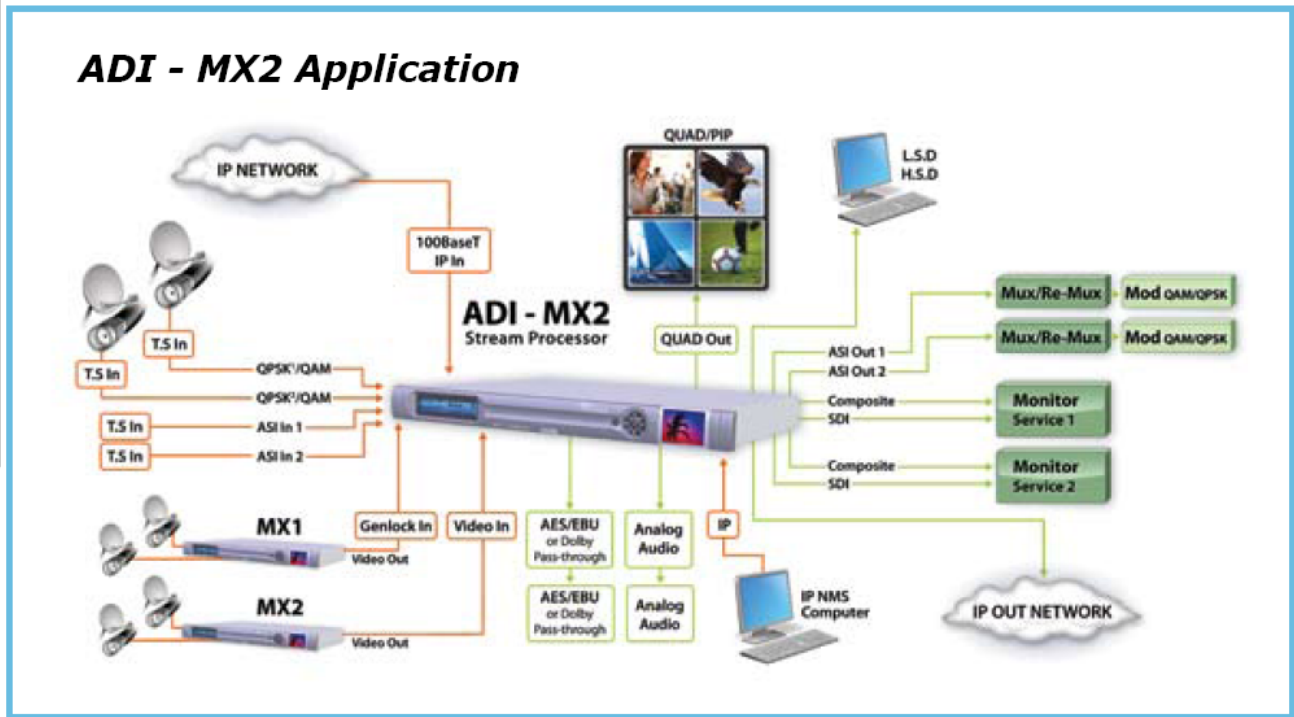
## MONITOR & CONTROL

- Web interface
- RS232
- LCD Panel: IP parameters, bit rate monitoring
- SNMP monitoring & web browser

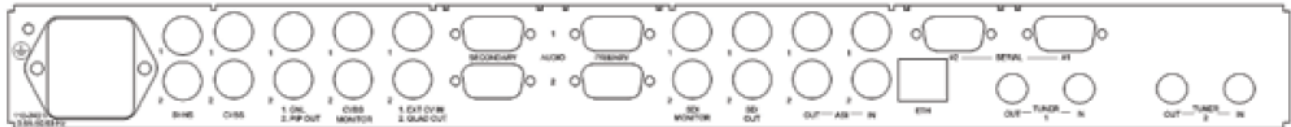
## Options

- MP@ML and 4:2:2P@ML
- VBI for re-insertion in composite and SDI
- Genlock.
- Internal redundancy support.
- Two GPI dry contacts.
- 24-48V Power Supply
- Quad/PIP Video Channel

## ADI - MX2 Application



## SAMPLE CONFIGURATION



Contact our representatives at [info@hfcnet.net](mailto:info@hfcnet.net) to match the best solution for your particular requirements.

