RX 380

RX 380 Receiver

The RX380 is a standalone COFDM diversity receiver with 8 RF inputs, which can demodulate both DVBT-T and UMVL signals. When paired with our wide range of external downconverters, the RX380 can be used to receive a broad range of frequencies (single and dual pedestal), and when paired with one of our HEVC decoders (e.g. DEC150) it is ideal for receiving 4K video feeds from our COFDM transmitter range (e.g. TX160).

With up to 4 seperate demodulators and 2 independent ASI outputs the receiver is very versatile , and can handle any broadcast requirement. The ASI inputs allow for more receivers to be cascaded to achieve a 16 RF input diversity system in order to expand the range and coverage.

Key Features:

- 8-way MRC Diversity Receiver

- DVB-T Singe/Dual Pedestal & UMVL compatible

- Up to 4 demodulators (licence feature)

- Automatic FEC, Guard Interval, and Polarity Selection

- Easy system setup and troubleshooting through an easy to use web interface

- Front-to-back cooling system

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Technical Specification:

Connectors

Power DC 12V	4-Pin XLR
RF In 1-8	BNC x 8
ASI In 1-2	BNC x 2
ASI Out 1-2	BNC x 2
Stream / Control	Ethernet RJ45 x 2
AUX	7-Pin Lemo x 1

Basic Specifications

Dimensions	W 220mm x D 358mm x H 44mm (1RU)
Weight	1.76Kg
Mounting	Side-by-Side mount kit available as an option
DC Input	12VDC nominal
Power consumption	50-80W depending on number of downconverters (up to 8-way)
Temperature range	-10°C to +50°
Humidity	Less than 85% non-condensing

Demodulation Modes

Single service	1 X 2 / 1 X4 / 1 X 6 / 1 X 8 way demodulation
Four services	4 X 2 way demodulation
Two services	2 X 4 way demodulation

Available accessories & add-ons (optional)

Enable Second, Third and Fourth Demodulator

Downconverters - various bands available

Filter - various bands available

Various frequencies available

Single Unit Rack Kit

Dual Unit Rack Kit

Add IP Streaming

Streaming

ASI	Transport stream Packets switching via ASI and/or IP
IP Streaming	Streaming formats supported include UDP, RTP and SRT (with pass phrase), steaming to 90Mb/s is included.