

# SMN IPR200

Satmission Live Now IP Receiver



Receive compressed video sent over Internet and other IP nets.

Satmission Live Now IP Receiver SMN IPR200 are MPEG2/H.264 decoders which receives MPEG-streams via Internet and other IP nets and transform them to video and audio.

Except decoding video and audio, Live Now IP Receiver in an IP link system gives foremost the following advantages.

For statistics and supervision IP streams, which enters a Live Now IP Receiver, can be supervised and troubleshooted via Live Now manager system.

Live Now IP Receiver can receive IP streams with error correction (TCP with buffering).

Individual access control on each input streams for each respective input.

Live Now IP Receivers can be delivered with one, two, four or more SDI outputs.

Live Now IP Receiver is delivered in a format which can be installed in a 19" rack with all connectors on the rear side. Power supply is built in and 100 – 240V AC is fed using an ordinary power cord.



- Easy to configure via display and keypad
- Can be controlled via web interface over network
- Peak Program Meter (PPM) for calibration of sound level
- Live Now manager system for statistics, supervision and troubleshooting
- Backup settings and upgrade software via web interface or Live Now manager
- Can receive video streams from a number of different units
- Black burst sync in
- Automatically detects whether streams are MPEG2 or H.264
- Select output format via web interface – PAL, NTSC or HD
- Automatically scales input streams into selected output format
- Test picture can be customised
- Management via IP2 (second network interface)
- IPMI

# Technical Specifications

Digital out SDI embedded	SMPTE 259M, SMPTE 272M
Digital out HDSDI embedded	SMPTE 292M, SMPTE 299M
Resolutions out	PAL, NTSC, 720p/50, 720p/59.94, 720p/60, 1080p/23.98, 1080p/24, 1080i/25, 1080i/29.97, 1080i/30
Digital video in MPEG2	MPEG2 video (ISO/IEC 13818-2), MP@ML, MP@HL, HP@ML, HP@, HL (4:2:0), 422@ML, 422@HL (4:2:2)
Digital video in H.264	H.264/MPEG4 AVC video (ISO/IEC 14496-10)
Digital audio in	MPEG1 audio layer 2 (ISO/IEC 11172-3) AAC (ISO/IEC 14496-3:2005) MAIN
Transport in	MPEG2-TS over IP (ISO/IEC 13818-1) - UDP and TCP
Interface out	Ethernet 10/100/1000, RJ45
Interface management	Ethernet 10/100/1000, RJ45
Size 1U (without removable rack brackets)	425 x 380 x 45 (w x d x h) Fits in 19" rack (1 height unit)
Weight approximately	5200g

## Options

Live Now IP Receiver is primarily customised using options. Other customer tailored solutions are made on order.

### 4-wire talkback

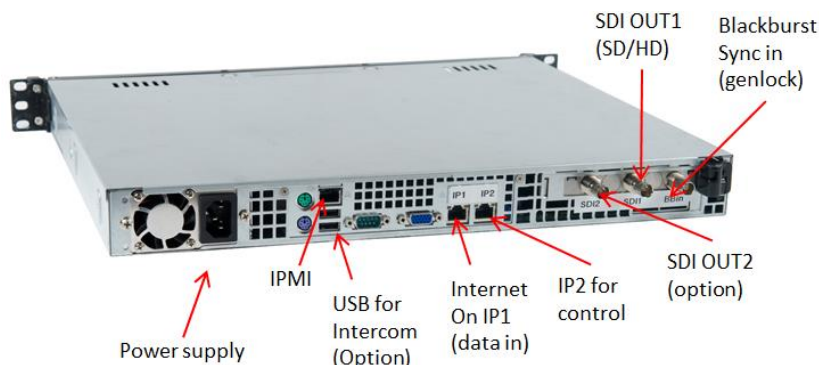
By using 4-wire talkback, Live Now IP Receiver can connect to other Live Now IP Receiver units for audio communication with short delay. The option gives two full duplex mono channel, for example control room and studio return.

### Encryption

The video stream between Live Now IP Encoder IPE400 series and Live Now IP Receiver can be encrypted and authenticated in a very secure way if needed.

### Redundant power supply

Live Now IP Receiver can be customised with redundant power supply for highest possible availability.



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Note: Specifications subject to change without notice