

Audio & Video 720/1080p & Data H264 High Profile level 4 stream IP & storage

Inputs

- 1 x HDSDI SMPTE292M (1080p25/30/1080i/720p50/60)
- 1 x ASI (EN 50083-9) option
- 1 x analog audio stereo (600 Ω, 1,5V)
- 1 x Rs422 (metadata)
- 1 x RS232 system time IRIG-B002

Advance Processing

Video encoder :

- MPEG-4 AVC HD Video Compression conformed to H.264/AVC **High Profile Level 4.0** (ISO / IEC14496-10)
- Adjustable Video Compression Levels (4 to 20 Mb/s)

Audio:

- 48 kHz digitalization
- MPEG-1 Audio Layer 2

Image processing :

- Pan,

Image datation :

- WUData or SCTE127

Read Salomon

Scrambling

Transport Stream

- UDP / IP / MPEG Transport Stream conform to ISO/IEC13818-1
- Sub title metadata

Output

- 3 x Ethernet 100BT (broadcast or multicast)
- 1 x HDSDI monitoring
- 1 x Analog stereo audio (600 Ω, 1,5V)
- 1 x ASI (EN 50083-9) option

Storage

- Flash recorder : 16 GB (up to 8 hours at 4 Mb/s)

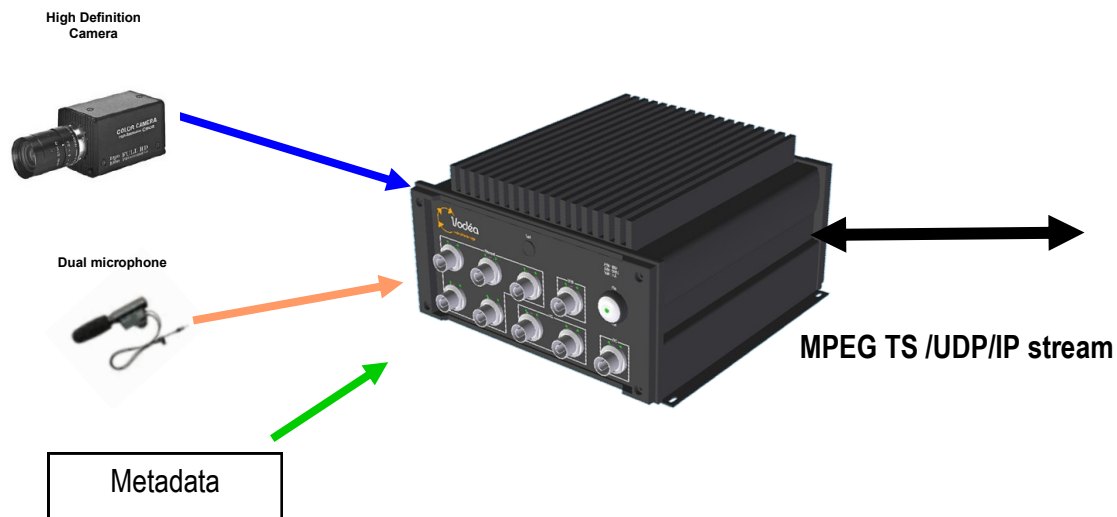
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- SNMP server
- SNMP client configuration and monitoring
- Web IHM for recording

1920x1080 25 or 30p



1280x720 50/60p



Fusion H264 is designed to transmit and to receive audio, video and data over Internet Protocol. Main applications are transport security (air, rail and road), homeland, video surveillance, observation & intelligence, aircraft remote control, helicopter and aircraft transmission over DVB and broadband IP networks.

Fusion H264 adds **High Definition MPEG4 AVC** video/audio and data acquisition capabilities to your embedded system. Effective video compression rate varies from 2 to 20 Mbps according the video compression level which is user programmable.

Physical and power

- Dim: 190 x 200 x 90 mm (D x W x H)
- Electrical consumption : 35 W
- Power supply : 28 VDC
- Operating temperature: -40°C to +70°C
- Weight: <3.9 Kg
- IP65 with connector
- Conduction Cool