

## Inputs

- 1 x SDI SMPTE259M or analog
- 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 3.0** ( 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

## Stream 4609

- Conformed with STANAG 4609 V2
- Synchronized by PTS (MISB 0604)
- Unsynchronized (SMPTE RP217)
- Key value substitution
- Default KLV insertion

## 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 SDI monitoring
- 1 x Analog stereo audio (600 Ω, 1,5V)
- 1 x ASI (EN 50083-9) option

## Storage

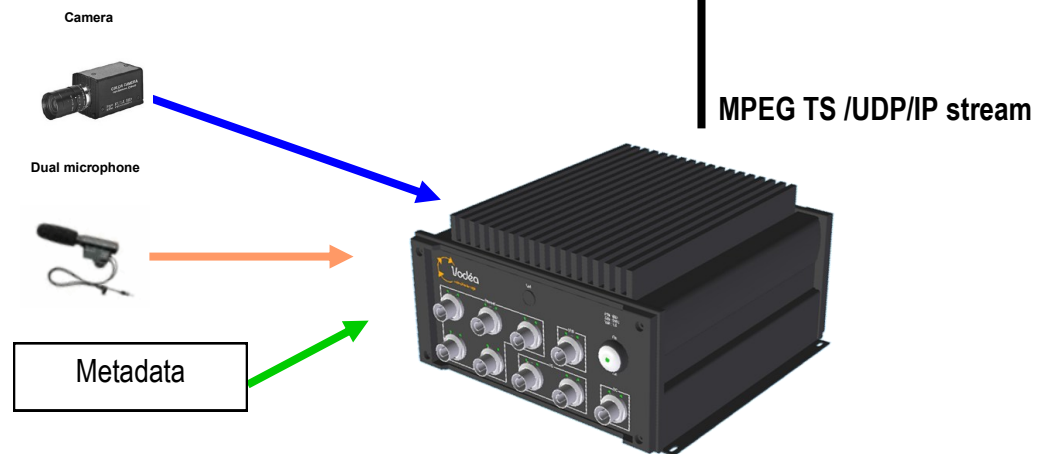
- Flash recorder : 16 GB (up to 8 hours at 4 Mb/s)

## Ctrl II / Cmd

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

# Rugged Standard definition Encoder H264/High Profile with Stanag 4609 stream

576i or 480i



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