VSIP2 is a compact audio/video encoder for transmitting any analog video source over IP networks. Fully functional as a stand-alone device, VSIP2 is also designed with mobility in mind. Its small form factor is a perfect fit where space is limited.

VSIP2 includes best-in-class MPEG-4 or H.264 video compression ensuring excellent image quality and enabling high frame rates at low bit rates. AAC-LC audio encoding can be added as an option with perfect audio / video synchronization.

Manage parameters on the fly and remotely thanks to a web interface or by using the ATEME video security PC Software Development Kit.
**VIDEO**

- **Standard**: H.264 Main Profile or MPEG-4 ASP
- **Bit rate**: 64 kbps – 4 Mbps
- **Frame rate**: up to 25/30 fps
- **Resolutions**: QCIF / CIF / 2CIF / Half D1 / 4CIF / Full D1
- **Bit rate regulation modes**: Constant / Variable
- **Low latency**: Encoding / Decoding latency < 200 ms

**NETWORK**

- **Streaming protocols**: RTP/RTSP/SDP (unicast or multicast)
- **Ethernet protocols**: TCP, UDP, HTTP, DHCP

**ALARMS**

- **Triggers**: Video signal loss, system failure, digital input and user message
- **Resulting actions**: Text on screen display, digital output, led and user message

**SYSTEM**

- **Configuration, control and firmware update**: Via Web browser or PC SDK (TCP/IP)

**OPTIONAL AUDIO**

- **Standard**: AAC-LC (mono)
- **Bit rate**: 64 kbps
- **Sampling rate**: 8 kHz - 48 kHz

**ATME’s equipment in a video surveillance system**

**INTERFACES**

- **Video**: 1 x BNC input
- **Audio**: 1 x mono input on screw-down block connector (option)
- **Ethernet**: 10/100 Mbps Base-T, half/full duplex on RJ-45
- **Serial links**: 1 x RS232/RS422/RS485 on screw-down block connector
- **Power**: Jack connector or dedicated rack connector
- **Alarms**: 1/1 digital input/output on screw-down block connector

**PHYSICAL**

- **Enclosure**: robust metal case
- **Dimension**: 130 mm x 35 mm x 106 mm - 5.12 in x 1.38 in x 4.13 in
- **Environmental**: operating 0°C to +50°C - operating 32°F to 122°F
- **Power consumption**: 9-12 VDC, max 5W

**COMMERCIAL REFERENCE**

- VSS-110-HW: Electronic board version (MPEG-4)
- VSS-110-F: Stand-alone version (MPEG-4)
- VSS-110-R4TE: Blade 4TE width version (MPEG-4)
- VSS-110-R7TE: Blade 7TE width version (MPEG-4)
- VSS-111-HW: Electronic board version (H.264)
- VSS-111-F: Stand-alone version (H.264)
- VSS-111-R4TE: Blade 4TE width version (H.264)
- VSS-111-R7TE: Blade 7TE width version (H.264)
- VSS-110-SDK-PC-L: VSIP2 PC Software Development Kit for Linux
- VSS-110-SDK-PC-W: VSIP2 PC Software Development Kit for Windows

**Options**

- VSA-110-MP-R7TE: 3U rack panel for 12 x VSS-110-R7TE units
- VSA-110-MP-R4TE: 3U rack panel for 20 x VSS-110-R4TE units
- VSA-AJLM-15: 12 VDC power supply
- AAC: AAC-LC audio mono compression

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