4-CHANNEL
COMPACT DVR
STREAMING/RECORDING

VISIO

> "Compact solution for IP video storage"

FEATURES

▶ 4 channels encoding at CIF resolution and full frame rate

▶ MPEG-4 Advanced Simple Profile high quality video compression

▶ AAC-LC mono audio encoding

▶ Real-time unicast/multicast streaming with low latency

▶ Permanent recording and .mp4 files extraction

▶ Dynamic text insertion

▶ Contol by web interface and PC SDK

▶ Upgradable firmware over IP Network

▶ Automatic alarm management

▶ Data tunnelling over IP (control of PTZ cameras)

APPLICATIONS

Video surveillance systems
Point-to-point transmission
Digital video matrix
Embedded recorder
Compact NVR

MARKETS

Security: Traffic control, transportation, urban surveillance, airports, banks, casinos, industry, buildings

BENEFITS

Configuration flexibility: many parameters are accessible in order to adapt to any user situation

Remote control and maintenance: built-in web server and upgradable firmware via the network

Dual processor architecture to maximize performance: DSP for video processing and GPP for recording and streaming

OVERVIEW

ATEME has conceived ViSio for those who want the best in technology. Thanks to an innovative architecture based on two processors, ViSio offers unprecedented video quality and enables local recording thanks to its internal storage capability.

ViSio uses the latest **high performance MPEG-4 SP/ASP** video codec with AAC-LC audio, ensuring low bit rates with an excellent image quality.

Manage parameters **on the fly** and **remotely** thanks to its web interface or by using the PC Software Development Kit.

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VIDEO

- **Standard:** MPEG-4 SP/ASP (ISO 14496-2)
- **Bit rate:** 64 kbps – 4 Mbps
- **Resolutions:** QCIF / CIF / 2CIF / HalfD1 / D1
- **Performance:** 4 x CIF or 1 x D1 encoding channels at full frame rate
- **Bit rate regulation modes:** Constant / Variable

AUDIO

- **Standard:** AAC-LC (mono)
- **Bit rate:** 16-256 kbps
- **Sampling rate:** 16KHz

NETWORK

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

SYSTEM

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

PHYSICAL

- **HDD:** 320 GB / 3.5 inches
- **Enclosure:** robust metal case
- **Dimension:** 230 mm x 112 mm x 68 mm / 9.06 in x 4.41 in x 2.68 in
- **Environmental:** operating 0°C to +50°C / operating 32°F to 122°F
- **Power consumption:** 12 VDC, max 20W
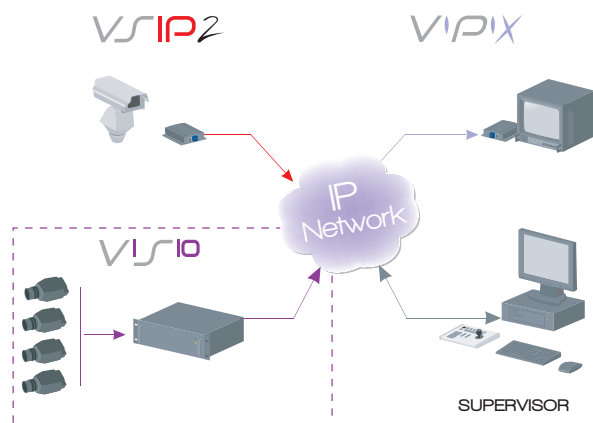
INTERFACES

- **Video:** 4 x BNC inputs
- **Audio:** 1 x mono input on terminal block
- **Ethernet:** 10/100 Mbps Base-T, half/full duplex on RJ-45
- **Serial links:** 1 x RS232 + 1 x RS422/RS485 on terminal block
- **Power:** 12 VDC on terminal block
- **Leds:** 4 leds on the rear panel

VSR-410-RD

ATEME's equipment in a video surveillance system

VSIP2   VIPIX

VISIO

IP Network

SUPERVISOR

COMMERCIAL REFERENCE

- VSR-410-HW: Electronic board version without HDD
- VSR-410-RD: Din rail version with HDD

- VISIO-SDK-PC-L: PC Software Development Kit for Linux
- VISIO-SDK-PC-W: PC Software Development Kit for Windows

Options:

- VSA-410-R6: 3U rack panel for 6 x VSR-410-R units
- VSA-ALIM-45: 12 VDC power supply

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