

IP-NET VISION™ H.264 SD DECODER

Model

SD Decoder



Benefits:

- **High quality codec:**
Save bandwidth maintaining excellent image quality.
- **Remote control and maintenance:**
Web interface and upgradeable firmware via the network. Save space and setup time.
- **Versatility and effectiveness:**
DSP inside compact and cost effective solution.

The IP-NET H.264 Standard Definition Decoder is a compact audio/video decoder for monitoring and surveillance over *IP networks*. Fully functional as a stand-alone appliance. The IP-NET Decoder is also designed with mobility in mind. Its small form factor is a perfect where space is limited.

The IP-NET H.264 Decoder uses latest *high performance MPEG-4 SP/ASP/AVC* video decoder with AAC-LC audio, ensuring *synchronized audio and video* at low bit rates maintaining excellent image quality and a high frame rate. Manage all the parameters on the sky and remotely thanks to a web or by using the ATEME video security PC SDK.

Applications:

- Video surveillance systems
- Point-to-point transmission
- Digital video matrix
- Markets:
 - **Security:** Traffic control, transportation, urban surveillance, airport, banks, casinos, industry, buildings.
 - **Multimedia:** Corporate TV, Interactive video, Video learning, Video medicine.

Features:

- **Receive & Decode:**
 - **Video:** H.264 & MPEG-4 SP / ASP
 - **Audio:** AAC-LC
 - **Streaming:** Unicast and multicast over RTP
- **Displays:**
 - 1 channel up to D1 resolution (720 x 576/480) @25/30 fps
 - 4 channels (QUAD) with multiple combinations of resolutions and frame rates
 - Post-processing and video quality enhancement tools
- **Control:**
 - Web interface
 - Windows / Linux PC software development kit
 - Serial links, I/O's and I2C extension port
- **Extras:**
 - Ready to incorporate your own software
 - Available in various configurations
 - Source code of the firmware as an option

HFCNET & IP-NET • 10256 N.W. 47th Street, Sunrise, Florida 33351, USA • Phone: (954) 578-5929 • Fax: (954)-212-9205

<http://www.hfcnet.net> • info@hfcnet.net • sales@hfcnet.net

Nov 2, 2011

Specifications:

Video: Standard: H.264 / MPEG-4 MP @ L3 Bit Rate: 64 kbps 4 Mbps Frame rate: up to 25/30 fps Resolution: QCIF / CIF / 2CIF / VGA / HafID1 / D1	Audio: Standard: AAC-LC (ISO 14496-3) Bit rate: 16-256 kbps
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: Enclosure: Robust metal case Dimension: 130 mm x 35 mm x 105 mm Environmental: operating 0°C to +50°C Power consumption: 20W	Interfaces: Video: 1 x BNC output (option: s-video, RCA & VGA) Audio: 1 mono output on screw-down block connector (option: RCA stereo output) Ethernet: 10/100 Mbps Base-T, half/full duplex on RJ-45. Serial links: 1 x Rs232 / RS422 / RS485 On screw-down block connector (software selectable). Input Voltage: 9-12 VDC on jack connector (stand-alone version) or HE10 connector (blade version). Alarms: 1/1 isolated input/output (dry contact) On screw-down block connector.



IP-NET H.264 Decoder rear view



HFCNET & IP-NET • 10256 N.W. 47th Street, Sunrise, Florida 33351, USA • Phone: (954) 578-5929 • Fax: (954)-212-9205

<http://www.hfcnet.net> • info@hfcnet.net • sales@hfcnet.net

Nov 2, 2011