VDS-01

1 Channel H.264 IP Video/Audio to Analog Output Converter

This IP to Analog decoder features an embedded real-time multi-tasking operating system (RTOS) and an embedded processor, which is completely independent from a PC.

The IP to Analog converter has the functionality to decompress the video and audio signals simultaneously from H.264 feeds transmitted through IP networks and display real-time video and audio on analog monitors. Supports the most popular streaming protocols (RTP/RTCP,RTSP); supports IE browsing; bi-directional voice communication and PTZ Control

Basic Functions:

- Real-time H.264 high speed hardware decompression
- Multiple security levels for higher system safety
- Supports RS-232/485 interfaces

Decompression Functions:

- Supports 1 channel CIF or 1 channel D1 (PAL/NTSC) signal. Real-time hardware-decompressed independently at 30 FPS (NTSC) or 25 FPS (PAL).
- Supports 4CIF (720 x 480), CIF(352 x 240), QCIF (176 x 120) resolution

Network Functions:

- Support one 10M/100M compatible Ethernet interface
- Supports TCP/IP protocol, parameter settings, real time video & audio previewing, status examination, alarm through network and store the compression bit rate through network
- Support dynamic broadband dialup
- Supports pan-tilt-zoom control and different camera parameters like size of lens and focus
- Supports remote upgrading and maintenance
- RS-485 interfaces support transparent transmission mode
- Control serial devices through the RS-485
- Set video server parameters through the RS-232 serial ports

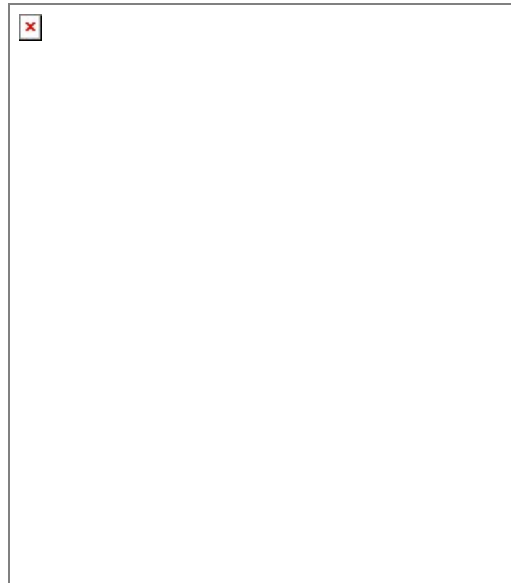### Physical Interfaces:

Front panel:

- 1 RJ45 10M/100M UTP Network Port

Back panel:

- Power jack.
- Video output: 1 channel BNC
- Audio output: 1 channel RCA
- Alarm input: 2 (Terminal Block)
- Alarm output: 2 (Terminal Block)
- 1 RS232 Interface (RJ45)
- 1 RS485 interface (RJ45)

- Convert H.264 IP video streams to analog output
- Real-time video & audio (30 FPS)
- **1 channel of audio & video (720 x 480)**
- Supports PTZ cameras

AVAILABLE MODELS

Part number	Description
VDS-01	H.264 IP audio/video stream decoder, 1 channel video and audio, 4CIF

SPECIFICATIONS

Video Input	H.264 (RJ45 Ethernet Port)
Video Output	1 BNC (1.0Vp-p, 75Ω)
Resolution	4CIF (720 x 480), CIF(352 x 240), QCIF (176 x 120)
Video Frame Rate	NTSC: 30 FPS PAL: 25 FPS
Bit rate	32Kbps ~ 8Mbps
Audio Input (Intercom)	1 Ch, RCA Linear Input, 600Ω
Audio Output	1 RCA Output
Communication interface	1 RJ45 10M/100M UTP Network Port 1 RS232 Interface (RJ45) 1 RS485 interface (RJ45) 1 Alarm Input/Output (RJ45)
Alarm in	2 (Terminal Block)
Alarm out	2 (Terminal Block)
Power Supply	12 VDC
Power Consumption	Less than 7 W
Working Temperature	-10⁰C to +50⁰C

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Rev: 070810

Working Humidity	10%-90%
Dimension (DxWxH)	9.25" x 5.3" x 1.6" (235 x136 x43 mm)
Weight	4.4 lbs

Warranty (Effective Jan 1, 2009)

1 Year

VDS-01

Rev: 070810