

VPort 3310

1-channel Industrial MPEG4 Video Server for Video Networking

Features

- Digitize analog video signals INSTANTLY
- 1-ch video input and 1-ch video output
- Audio supported for synchronal video/audio surveillance solution
- RTSP video streaming
- Built-in 3 area selectable Video Motion Detection (VMD)
- Video stream at up to 30 frames/sec in 352 x 240 resolution
- Effective traffic control with Multicast (IGMP)
- SNMP MIB-II for network management
- Redundant 24 VDC power inputs and power failure alarm
- PTZ (PAN/TILT/ZOOM) motorized camera control via RS-232/RS-485 COM port
- Provide 2 DI and 2 DO Connectors for external sensors and alarms
- DDNS & UPnP supported
- MOXA SoftDVR™ Lite for viewing and recording bundled free

* MOXA VPort SDK supported, with flexible interface and sample codes for third-party developers. (Contact a MOXA sales representative for more information about this SDK.)



Overview

VPort 3310 is a 1-channel Video Server that adopts the standard MPEG4 algorithm, and features DIN-Rail Mounting capability, 24 VDC redundant power inputs, and IP30 protection to meet the requirements of industrial environments.

The cutting edge MPEG4 algorithm gives VPort 3310 an FPS of up to 30 in CIF resolution (352 x 240), with maximum

bandwidth of 1.6 Mbps, to provide high video performance and more efficient network transmission. In addition, VPort 3310 also provides audio communication for a voice-over-IP solution, making the control of your video surveillance system more real-time.

MPEG4 compression for best video/audio performance

VPort 3310 is equipped with a high performance MPEG4 compression engine for synchronal video/audio surveillance. The cutting-edge MPEG4 technology reduces the bandwidth

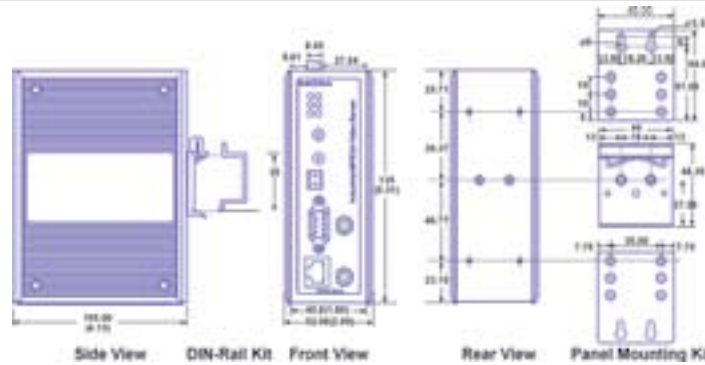
requirement significantly to make the video over IP system more efficient, allowing you to transmit more video/audio data over the IP network.

Intelligent alarm message triggered functions with VMD and Digital I/O devices

VPort 3310 supports VMD (Video Motion Detection) and 2 Digital Input/Relay Output connectors for designing intelligent alarm message triggered functions. Create an integrated video over IP system with MOXA SoftDVR Pro IP Surveillance

Software, or use the MOXA VIP SDK to develop a customized video over IP system.

Dimensions (unit = mm)



Specifications

Technology

Video Input (BNC): 1 **Video Output (BNC):** 1

Audio Input (RCA): 1 mic-in port; 1 line-in port

NTSC/PAL: Auto-sensing or Manual

Network

Protocols: TCP, UDP, HTTP, SMTP, FTP, RTSP, RTP, RTCP, NTP, DNS, DDNS, IGMP, DHCP, UPnP, and PPPoE

Ethernet: Auto sensing 10/100 Mbps

Bandwidth: Max. 1.2 Mbps

Video

Video Compression: MPEG4

Video Resolution:

NTSC:	PAL :
Up to 30 frames at 176 x 120	Up to 25 frames at 176 x 144
Up to 30 frames at 352 x 240	Up to 25 frames at 352 x 288
Up to 10 frames at 704 x 480	Up to 8 frames at 704 x 576
Up to 10 frames at 640 x 480	

Video Viewing:

- Adjustable image size and quality
- B/W or Color control
- Timestamp and text overlay

Serial Port

COM: Male DB9 RS-232, Max. 115.2 Kbps

RS-485: Terminal Block for Data+, Data-, Max. 115.2 Kbps

GPIO

Digital Input: 1 (max. 12 VDC @ 50 mA)

Relay Output: 1 (max. 24 VDC @ 1A, 125 VAC @ 0.5A)

LED Indicators

PW1: power 1

PW2: power 2

FAULT: power failure

SERIAL: COM port status

VIDEO: video communication active

Ordering Information

VPort 3310: 1-ch Industrial MPEG4 Video Server with 24 VDC power input, 0 to 60°C

VPort 3310-T: 1-ch Industrial MPEG4 Video Server with 24 VDC power input, -40 to 75°C

Items included:

- 1 VPort 3310 Video Server
- CD with User's Manual, SoftDVR Lite IP Surveillance Software

WK-46: Wall Mounting kit (optional accessory for VPort 3310)

AUDIO: audio communication active

Mechanical

Dimensions (W x D x H): 53.6 x 135 x 105 mm
2.1 x 5.3 x 4.1 in.

Weight: 790 g (1.4 lbs)

Installation: DIN-Rail Mounting, Panel Mounting

Power Requirement

Input: 12 to 45 VDC min.15W

Power Consumption: near 4.2W

Environmental

Casing: IP30 protection, metal case

Operating Temperature:

0 to 60°C (32 to 140°F)

-40 to 75°C (-40 to 167°F) for -T model

Storage Temperature: -40 to 85°C (-40 to 185°F)

Humidity: 5% to 95% (non-condensing)

Regulatory Approvals: CE, FCC, UL

Warranty: 5 years

Alarm Features

- Video Motion Detection with percentage and sensitivity
- Daily repeat timing schedule
- 3 color JPEG images for pre/post alarm image storage
- Automatic transfer of stored images via email or FTP with event-triggered actions

PAN/TILT/ZOOM

- PTZ camera control through RS-232/485
- Automatic PTZ camera model detection
- Supported devices and protocols:
Sony VISCA, Canon VC-C1/VC-C3/VC-C4, Samsung SmartDome, Dynacolor SmartDOME, Pelco D-protocol, Custom Camera

Security: User level password protection; IP filtering

Software Bundled Free

MOXA SoftDVR Lite: 1- to 4-ch IP Surveillance Software for viewing & recording

** These product specs are subject to change without notice*