

VPort 2310 series

Compact, 1-channel MPEG4 Video Server (Encoder)



Highlights

- Compress analog video/audio signals in MPEG4 video stream
- Video stream up to 30 frames/sec at CIF (352x240) resolution
- DDNS & UPnP supported
- Free VPort SDK and 4-channel video surveillance software
- Compact form factor



Features

Optimal Video/Audio Networking Solution

- Works with NTSC/PAL analog video cameras
- MPEG4 video compression technology
- Audio supported for synchronal video/audio surveillance solution
- Remote access with built-in web server for viewing and configuring
- 1 auto-sensing 10/100BaseT(X) Ethernet port
- TCP, UDP, and HTTP network transmission mode
- Maximum 10 clients access simultaneous
- Configure video quality for CBR (constant bit rate) or VBR (variable bit rate)
- 4CIF, CIF, and QCIF video resolution supported
- Timestamp and text overlay supported
- RS-232/485 COM port supported for controlling PTZ (PAN/TILT/ZOOM) motorized camera
- DDNS & UPnP supported

Intelligent Alarm Triggered Capability

- Built-in 3 area selectable Video Motion Detection (VMD)
- Equipped with 1 DI and 1 Relay (DO) for external sensor and alarm
- Trigger and Post alarm snapshot images provided
- Support sequential snapshot images
- Messages with snapshot images can be sent via FTP and Email
- Alarm schedule setting capability

Video Management and Control

- MOXA SoftDVR™ Lite IP Surveillance Software for viewing and recording bundled free
- Free MOXA VPort SDK supported with flexible interface and sample codes for customized application or system integration

* Please contact with MOXA sales representative if you require VPort SDK

Introduction

VPort 2310 is a 1-channel Video Server (Encoder) that adopts the high performance MPEG4 compression algorithm to enhance the efficiency of video transmission over the IP network. Equipped with BNC video input, image digitizer, image compressor, 10/100 Mbps Ethernet connectivity, and audio input, VPort 2310 can digitize any analog video source and distribute these digital images with voice over IP network,

turning your CCTV system into a synchronized “Video/Audio over IP” Network System INSTANTLY. In addition, VPort 2310 also provides the synchronized video/audio output due to the adoption of MPEG4 technology, giving the user a more realistic video/audio surveillance system.

Specifications

Video

Video Compression: MPEG4 (SHM)

Video Input: 1, BNC connector

NTSC/PAL: Auto-sensing or Manual

Video Resolution and FPS (Frame per second):

	NTSC		PAL	
	Size	Max. FPS	Size	Max. FPS
QCIF	176 x 120	30	176 x 144	25
CIF	352 x 240	30	352 x 288	25
4CIF	704 x 480	10	704 x 576	8

Video Viewing:

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

Audio

Audio Input: 1 RCA (mono, 24 Kbps wideband audio coding)

Network

Protocols: TCP, UDP, HTTP, SMTP, FTP, Telnet, NTP, DNS, DDNS, DHCP and UPnP

Ethernet: 1 10/100BaseT(X) auto negotiation port (RJ45)

Serial Port

COM port: 1, RS-232 in DB9 Male or RS-485 in Terminal Block, max. 115.2 kbps

GPIO

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

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

LED Indicators

NETWORK: Network link

CONNECT: System Active

SERIAL: COM port status

Mechanical

Dimension (W x H x D): 72.25 x 106 x 50 mm
2.84 x 4.17 x 1.97 in

Weight: 420 g

Installation: Wall Mounting, DIN-Rail Mounting (with optional kit)

Power Requirement

Input: 1, 6-15 VDC, min. 15W, socket

Consumption: approx. 4.2W

Environment

Operating Temperature: 0 to 60°C (32 to 140°F)

Storage Temperature: -40 to 70°C (-40 to 158°F)

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

Regulatory Approvals

CE, FCC

Warranty

5 years

Alarm Features

- Video motion detection with object size and sensitivity tuning
- Daily repeat timing schedule
- JPEG snapshots for trigger/post alarm images
- 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 protocol: Sony VISCA, Cannon VC-C1/VC-C3/VC-C4, Dynacolor SmartDOME, Pelco D-protocol, Liling PIH-7x00, Ernitec, Samsung SmartDome, and Custom Camera

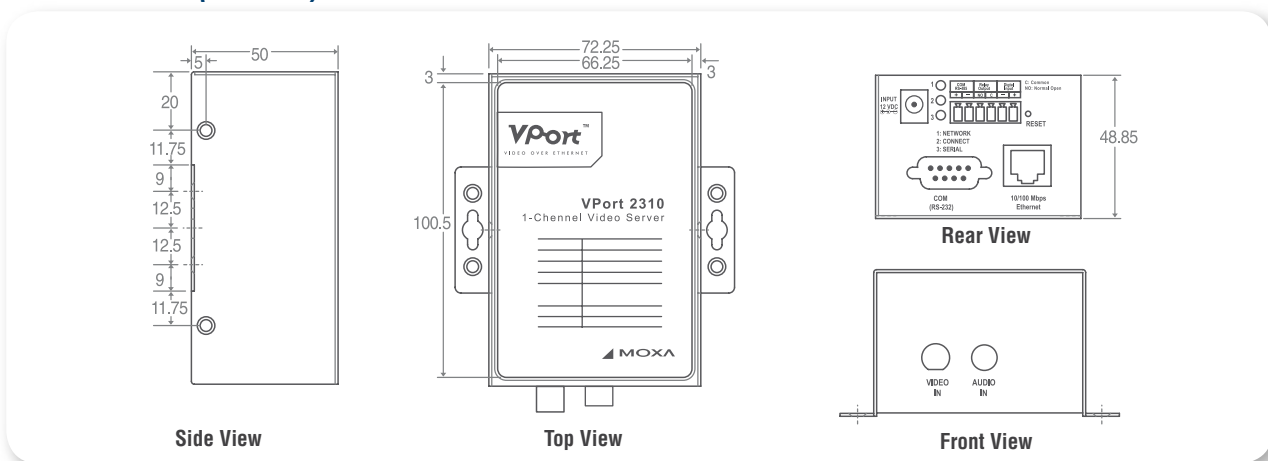
Security

User level password protection

Software Bundled Free

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

Dimensions (unit = mm)



Ordering Information

VPort 2310: 1-channel MPEG4 Video Server with 100-240V power adaptor (12 VDC, 1.5A, or 12 VDC, 1.25A for UK plug)

Items included:

- 1 VPort 2310 Video Server
- Quick Installation Guide
- PTZ Camera Control Cable
- CD with User's Manual, SoftDVR Lite IP Surveillance Software
- Power Adaptor
- I/O Terminal Block Kit

Optional Accessories

DK-35A: DIN-Rail Mounting Kit (35 mm)

