

MatriVideo Video Server

Features

- ◆ H.264 real time video compression
- ◆ TCP/IP network transmission
- ◆ Viewing and playback of video on MatriVideo Command Center
- ◆ Remote PTZ control
- ◆ Embedded Linux OS
- ◆ Two-way audio supported
- ◆ Motion detection supported
- ◆ Support variable bit rate
- ◆ Digital signature with watermark protection



A truly high-resolution video server for real-time, at 30 frames per second viewing

Video Server is now a critical factor for the success of digital surveillance system. HR-VS3401-H video server adopts embedded Linux operation system and TI DaVinci processor that is completely independent of PC platform, and efficiently improves system performance. Firmware is burned into the FLASH, making the system more steady and reliable.

HR-VS3401-H is one channel network digital video server. It can also be used as IP module. As IP module, it can be integrated into camera or speed dome to build IP camera or IP dome. By using the advanced hardware H.264(MPEG-4 Part 10) compression technology, it dramatically reduces the installation and cabling efforts. It also supports real-time video and two way audio transmission.

With the advantage of TCP/IP, the Video Server can be easily relocated according to the dynamic needs from security concerns. With MatriVideo, the Video Server installation and configuration is even easier.

MatriVideo Video Server is seamlessly integrated with MatriVideo DVR which provides full surveillance recording functions. Meanwhile, MatriVideo DVR is designed as the media gateway for Video Server to guarantee the recording quality yet throttle the network bandwidth for multiple remote viewing.

Specification

		HR-VS3401-H
IMAGE SYSTEM	Compression	H.264
	Resolution	4CIF/DCIF/2CIF/CIF/QCIF
	Video Input	1 ch BNC, 1.0Vp-p, 75Ω
	Audio Input	1 x BNC 2.0Vp-p, 1kΩ
	Audio output	1 Channel RCA Linear Electrical Level, 600Ω
	Audio Compression	OggVorbis 16Kbps
	Voice talk	1 Line in RCA 2.0Vp-p, 1kΩ
	Image Frame Rate	4CIF: 30 (NTSC) / 25 (PAL) fps
	Bit Rate	32Kbps ~ 2Mbps, user-defined
	Stream Type	Video / Video & Audio
NETWORK	Network port	1 RJ45 10M/100M
CONTROL	RS-232 port	1 x RJ45 RS-232 Port
	PTZ port	Screw terminal (T+, T-)
ELECTRICAL	Electric Power Source	DC 12V
	Power Consumption	≤ 3W
ENVIRONMENT	Operating Temperature	-10 ~ 55°C (40 ~ 131°F)
	Humidity	RH10%~90%
PHYSICAL	Dimension	7 cm (W) x 12 cm (D) x 4.5 cm(H)
	Weight	≤ 0.5

* Product specification and availability are subject to change without notice.

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MATRIVIDEO™

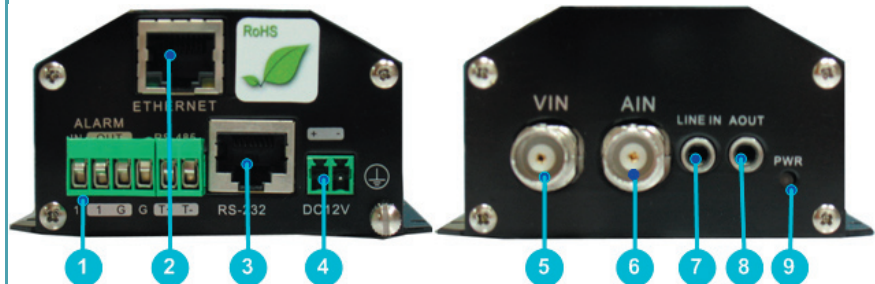
A complete system to provide high resolution, long term digital video storage and IP based CCTV solution on a scalable and reliable platform

MatriVideo™ is a complete solution for digital video surveillance industry. It is a platform that incorporates the legacy analog CCTV system and new IP-based digital surveillance system with hybrid configuration, distributed enterprise architecture and centralized management.

MatriVideo™ is an open platform that adopts the latest IT technology yet provides easy installation and configuration for security professionals. Its plug-and-play feature allows users to extend and grow their security sites confidently.

MatriVideo™ answers the need for larger storage capacity, networkable components, better image indexing, high image resolution, TCP/IP camera and easier camera relocation. It provides a total solution that meets the emergent and diverse demands from security industry.

Rear Panel



- 1 External Alarm Input/ Relay Output
- 2 Network Connector
- 3 RS-232 Serial Port
- 4 Power
- 5 Video Input BNC Port
- 6 Audio Input BNC Port
- 7 Line In Audio Input
- 8 Audio Output
- 9 Power Indicator



INSTEK DIGITAL
www.instekdigital.com

Instek Digital USA

13771 Roswell Ave., Suite H
Chino, CA 91710, USA
TEL 1 (909) 627-8811
FAX 1 (909) 627-8838
Email sales@instekdigital.com

Instek Digital Taiwan

4F, No.119-1, Baozhong Road,
Xindian City, Taipei County, Taiwan 231
TEL 886-2-29141839
FAX 886-2-29101803