

DVG-1100

DVG-1100W

1 Channel MPEG-4 Video Server/Encoder



Features

- Audio/Video stream up to 30 FPS at D1 resolution
- Real-time monitor via Internet Explorer without extra software
- Proactive surveillance with multi-region motion detect and DI/DO
- RS-485 half-duplex communication with other device
- Free 16-channel PC surveillance software
- Complete DVG SDK for easy develop customized application
- Support Wireless LAN access for easy installation
- Ruggedized aluminum chassis and Din-Rail / Wall-mount fixture
- Optional model for wide temperature application (-20 ~ 70° C / -4 ~ 158° F)

Introduction

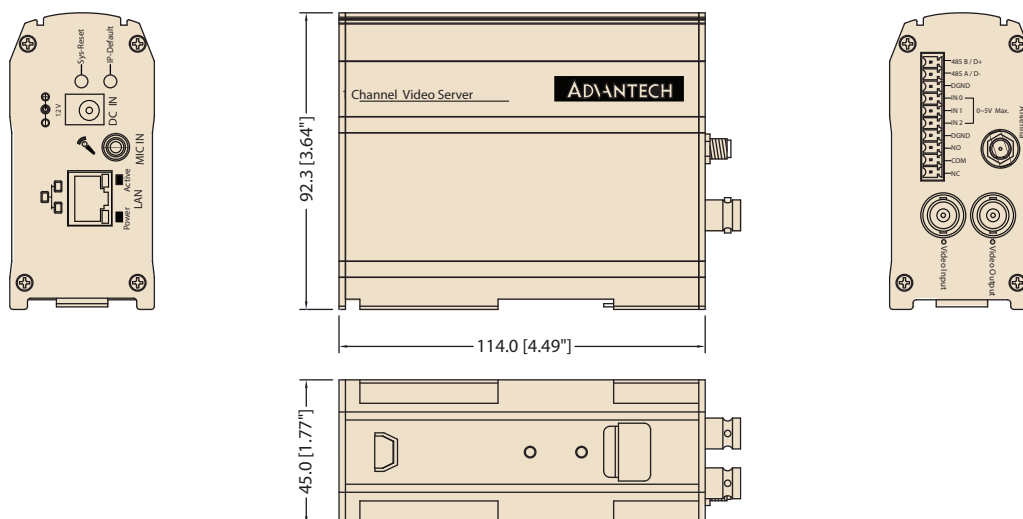
The DVG-1100 is a high resolution network based video gateway / server. It converts analog video signals to a digital video stream over an IP network, including: LAN, Intranet or Internet. Traditional CCTV cameras can upgrade easily to an IP video network via DVG-1100. The RS-485 and digital IO simplifies integration with other devices like alarm, access control or other peripherals. Combining DVG-1100 with SDK/OCX and the bundled video management software creates the ideal platform for a distributed surveillance application suited to a variety of vertical markets: public utility, banking, education, healthcare, transportation, manufacturing and environmental monitoring.

Specifications

System	32-bit RISC CPU / Embedded OS, Hardware ASIC MPEG-4 Encoder
Video	Max. frame rate: NTSC 30 fps @ D1 720 x 480 Max. frame rate: PAL 25 fps @ D1 720 x 576 MPEG-4 simple profile / ISO IEC 14496 compression Supports JPEG format snapshot OSD (Text over Video) Adjustable MPEG-4 compress P/I ratio Resolution: D1 / Half-D1 / CIF / QCIF Built-in 2D de-interlacing / scaling
Audio	Internal microphone & 3.5 mm audio Line-in (mono), Audio compression / ADPCM 40 kbps
Surveillance & Alarm	Video loss detection Multi-region motion detection (15 Regions) Selectable alarm trigger action E-mail attachment with snapshot FTP upload pre/post alarm video clip(2Mbit buffer)
Software	Web UI for live audio/video monitor & Record On-Line firmware upgrade Two level user management (admin / guest) DVG_Finder utility for device IP search 16-channel surveillance software Browser: Internet Explorer 5.0 or above
Network	RJ-45 10/100 Mbps Ethernet, auto-sensed Protocols: ARP, TCP, UDP, IP, HTTP, SMTP, FTP, DHCP Client, NTP, DDNS, uPnP, PPPoE, TFTP Supports Dial-up ADSL with PPPoE Two sets free DDNS server option Two sets DNS server setting Two sets SMTP server setting Time zone setting / NTP server Adjustable transmission bit rate (CBR or VBR) Supports UPnP Protocol for easy device discovery Max. 15 user concurrent access
Wireless LAN (optional)	Standard : Mini-PCI 802.11 b/g; Output power: 13 ~ 16 dBm (20 ~ 40 mw)
I/O Interface	1 x BNC video input / video loop connector 1 x Half-duplex RS-485 port 3 x Digital isolated input (5V DC max.) 1 x Relay output (1A 240 V _{AC} / 30 V _{DC} / 2 A 125 V _{AC})
Power / LED	DC 12V/1A, Power LED (orange), Ethernet status: Link/Active (green)
PTZ Control Protocol	Pelco-P / Pelco-D
Operating Temperature	Standard 0 ~ 50° C (32 ~ 122° F); Phoenix -20 ~ 70° C (-4 ~ 158° F)
Dimensions (H x W x D)	92.3 x 11.4 x 45 mm (3.64" x 4.49" x 1.77")
Weight	600 g / 1.32 lb
Certification	CE/FCC Class B, UL
Installation	DIN-Rail Kit, Wall-mount kit

Dimensions

Unit: mm (inch)



Built-in Web Server

The DVG-1100 has a built-in web server which provides real time video streaming for remote surveillance. The user can log on to the DVG-1100 video server from anywhere in the world with a network connection and an Internet browser. An account with administrator privileges can view the video stream, and can fully configure the DVG-1100 video server; a normal user account can view the live video stream.

Multi-Channel Recording Utility

PowerView-NVR & DVG_Recorder are multi-channel recording software applications for DVG-1100 video server. Any PC running PowerView-NVR & DVG_Recorder becomes a professional DVR platform which can connect to and record up to 16 audio/video streams to its hard disk drive.

SDK & Demo Program

DVG-1100 provides complete Software Development Kits, including OCX component, and a demo program, along with its Visual C++ source code. Customers can easily program their own surveillance software, or integrate supplied components with existing software.

Ordering Information

Part Number	Description
DVG-1100E	1 Channel MPEG-4 Video Server / Encoder
DVG-1100WE	1 Channel MPEG-4 Video Server / Encoder (Phoenix screening -20 ~ 70° C (-4 ~ 158° F))

Optional Items

Part Number	Description
965G330000E	Mini PCI 802.11b/g WIFI Module

Packing List

Part Number	Description
DVG-1100E	1 Channel MPEG-4 Video Server / Encoder
	Manual / Utility CD
	Wall Mount Kit
	DIN Rail Kit
	Warranty Card

