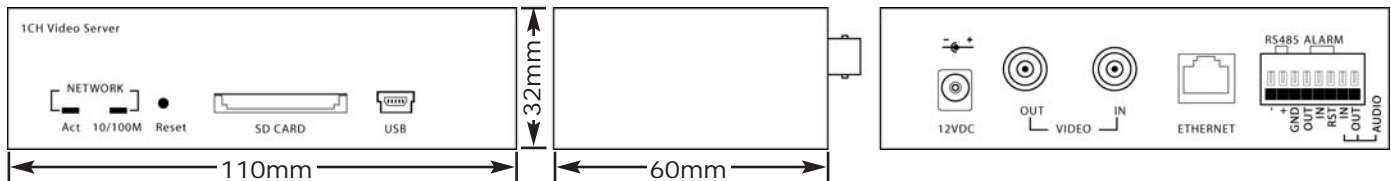




Product Features

- Video Recording At The Edge - acts As A Remote Server Or DVR. No Data Loss via ERS**
- SD Files Are Guaranteed NO DATA LOSS When Continuously Overwritten With ERS Firmware **
- Converts Analog Cameras To IP Addressability
- Supports MJPEG/MPEG 4 Streaming With Audio
- 10/100 baseT Ethernet
- Adjustable Image Size, Bit-rate & Quality
- Time Stamp & Text Overlay
- Pan Tilt Zoom Control, RS485
- I/O Supports Advanced Motion Detection In Independent Zones With 5 Sensitivity Levels
- Supports Encryption
- Supports 10 Users With 3 Levels of Authority
- Compact Metal Box Size Fits Easily In Remote Areas

** Refer to ERS Application Note



Technical Specifications

Network & Serial	60SV12VA-B	
	NTSC	PAL
Network Protocol(s)	TCP/IP, DHCP, HTTP, SNMP, DDNS, UPnP, FTP, SMTP, PPPoE, SMTP, ARP, ICMP	
Viewer Operating System(s)	Windows 2000, Windows XP	
Viewer Browser(s)	Internet Explorer 6.x or Netscape Navigator 7.x	
Network Type	Ethernet (RJ-45 wired, 10/100 base-TX), MDIX support	
Network API	Supported with SDK	
Network Capabilities	Live / rec. / play / PTZ camera control /system setup	
Network Throughput	2.0 Mb/sec, 30 frames @ 704x480	2.0 Mb/sec, 25 frames @ 704x576
Web Server Access	8 simultaneous users	
Remote Access Software	Microsoft Internet Explorer or Client	
Serial Port	RS-485	
USB	USB slave 1.1	
USB Download rate	< 1Mb	

Video/ Electrical

Video Compression	M-JPEG / MPEG4 (dual modes)	
Video Input	1.0Vp-p, 75 ohms (BNC unbalanced) AGC Range: 0.5 ~ 2.0Vpp Chrominance: 0.286Vpp, +/- 2db Color sub-carrier lock range: +/- 200H	
Video Output Level	1.0Vpp +/-10%, 75Ohm (BNC unbalanced)	
Video Output Frequency	-3dB +/-1dB at 3 MHz (30 fps, best recording)	
Video Output Burst Level	286mv +/- 10% or vector +/- 10	
Compression Picture Pixels	704 x 480 704 x 240 352 x 240	704 x 576 704 x 288 352 x 288
Video Fine Tune Control	Contrast, brightness, hue, saturation	
Display Refresh Rate	60 fps	50 fps
Compression Resolution (full)	720 x 480	720 x 576
Audio Function	16bit, 8KHz sample rate	
Power Input	12VDC 200mA	
Power Consumption	3W	

Mechanical

Dimensions (L x W x H)	110mm x 60mm x 32mm (4.33" x 2.36" x 1.25")
Weight	260g (9.17 oz)
Alarm I/O	1 alarm in/1 alarm out, 1 reset
Alarm Notice Connectors	GPIO output & SD, FTP, SMTP recording RS485, audio

Environmental

Operating Temperature	0° C ~ 50° C (32° F ~ 122° F)
Storage Temperature	-20° C ~ 60° C (-4° F ~ 140° F)
Operating Humidity	30% to 80%
MTBF	135,000

Accessories

Included	12VDC power supply – USA standard
	USB Cable
Optional	SecureView software
	70M04GB 4GB SD Card
	70M08GB 8Gb SD Card
	Note: SDHC Class 6 SD cards required
	60SV12VA-BP European power supply version

Software

Included	IP recording software (SecureView)
Optional	SDK available to system integrators
Minimum System Requirements	Intel Pentium 1.5 GHz processor or above (2.8 GHz or higher recommended) 128-MB RAM at least (256-MB or higher recommended) Windows 2000, XP or above 4 MB VGA card capable of 24-bit true color display 100 MB free hard-disk space for software installation In the multi-channel recording mode, the HD data transfer rates must be 66MB or above (100MB or higher recommended) 10/100 Base-TX network for LAN operation Microsoft Internet Explorer 6 or above

Approbations

FCC, CE, RoHS

All data subject to change without notice.

10/17/08 PDS-60SV12VA-B Rev A

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