

D9004BV & D9008BV



Specifications

Model	4CH	8CH
Video System	NTSC / PAL(Optional)	
Compression Format	Video: H.264 / Audio: 8kHz*16bit ADPCM	
Video Output	4-CH BNC Input/ 2-CH BNC Output / 1-VGA output	8-CH BNC input/2-CH BNC output / 1-VGA output
Audio I/O	4-CH RCA audio Input / 2-CH RCA audio Output	1-CH RCA audio input/ 1-CH RCA audio output
Display Resolution	D1: 704×576(PAL) 704×480 (NTSC)	
Frame rate	Single CH PAL: 25 fps , NTSC: 30 fps	
Recording Resolution	PAL: CIF(352*288), HD1(704*288) D1 (704*576) NTSC: CIF(352*240), HD1(704*240) D1 (704*480)	PAL: CIF(352*288) NTSC: CIF(352*240)
Recording Frame Rate (shared)	PAL: 25 fps@D1, 50 fps@HD1, 100 fps@CIF NTSC: 30 fps@D1, 60 fps@HD1, 120 fps@CIF)	PAL: 200 fps@CIF NTSC: 240 fps@CIF
HDD	1 SATA HDD, up to 1024GB; USB removable HDD	
Video Mode	Always / schedule / manual /motion detection / sensor triggered	
Record Pack Time	15/30/45/60min	
Video backup	USB flash disk / removable HDD, USB Burner, Network backup to AVI File Format	
Playback Mode	PLAY /SLOW /FWD/Frame by Frame	
Alarm I/O	4-CH alarm inputs, 1-CH alarm output	8-CH alarm inputs,1-CH alarm output
Alarm Type	Motion/ sensor triggered/Video loss/HDD Space/HDD Loss	
PTZ Control	Built-in RS-485 port, supports PELCO-P & PELCO-D	
USB 2.0 Port	Supports USB mouse, removable HDD, USB flash drive to backup to AVI file and upgrade system	
Ethernet	One RJ-45 10M/100M self-adaptable Ethernet interface	
Network Protocol	Supports TCP/IP, DHCP, UDP, DDNS, PPPOE network Protocol	
Network Function	Support preview live display remotely via mobile phone and real time monitoring via IE-based browser and/or network, and support parameter setting of DVR remotely.	
Power consumption	10~15W (exclude HDD)	
Power Adapter	DC 12V / 3A	DC 12V / 3A
Working Temperature	50°F to 104°F (10°C to 40°C)	
Working humidity	10%~90%	
Dimension (W x D x H)	11.75 x 9 x 2 in (300 x 220 x 47 mm)	

Model: D9216GV

Brand: SonnyLux



Specifications

TYPE	DEVICE PARAMETER	16-CH DVR
Video / Audio	Video System	NTSC / PAL(Optional)
	Compression Format	H.264
	Audio Compression Format	8kHz*16bit ADPCM
	Display Resolution	D1:704×576(PAL) 704×480 (NTSC)
	Playback Resolution	D1/HD1/CIF
	Playback Resolution	PAL CIF: 352*288 NSTC CIF: 352*240
	Recording Frame Rate (Shared)	PAL 100fps(D1)/200fps(HD1)/400fps(CIF) NSTC 120fps(D1)/240fps(HD1)/480fps(CIF)
	Display Mode	Support Dwell time display, PIP and Zoom in/out in special area
Recording	Recording Mode	Always / schedule / manual /motion detection / sensor triggered /Net-viewer recording
	Record Pack Time	15/30/45/60 min. adjustable
	Playback Mode	PLAY /SLOW /FWD/Frame by Frame
	Backup	Support U flash disk, Removable HDD, Recorder and network backup
Alarm	Alarm type	Motion/ sensor triggered/Video loss/HDD Space/HDD Loss
Network	Network function	Support mobile phone surveillance, Live monitoring and remotely setting DVR parameter
	Network protocol	Supports TCP/IP, DHCP, UDP, DDNS, PPPOE network Protocol
System Port	Video input / output	16-CH Input / 2-CH Output; 1-CH VGA output
	Audio input / output	4-CH Input / 2-CH Output
	Alarm input / output	16-CH Input / 1-CH Output
	HDD port	Support up to 2 SATA HDDs up to 1TB each
	Ethernet	One RJ-45 10M/100M self-adaptable Ethernet interface
	USB Port	Support Mouse, Removable and U flash disk backup and upgrade
	PTZ Control	Built-in RS-485 port, supports PELCO-P & PELCO-D
General Parameter	Power Adapter	DC 12V 5A
	Working Temperature	10°C~+40°C(50F~104F)
	Working humidity	10%~90%
	Power consumption	10-15 W
	Dimension (W x D x H)	430×380×70mm

Model: **D9104BV**

Brand: **SonnyLux**



Specifications

Video Compression	H.264	
Video System	NTSC / PAL	
Operation System	Linux	
Video Input / Output	BNC 4-channel input / 2-channel output	
Audio Compression	8kHz*16bit ADPCM	
Audio Input / Output	RCA 4-channel input / 2-channel output	
Display Frame Rate	PAL: 120fps@D1/ NTSC: 100fps@D1	
Playback Resolution	PAL: CIF(352x288), HD1(704x288), D1(704x576) NTSC: CIF(352x240), HD1(704x240), D1(704x480)	
Total Recording Frame Rate	PAL: max.100fps@CIF, max.100fps@HD1, max.50fps@D1/ NTSC: max.120fps@CIF, max.120fps@HD1, max.60fps@D1(Frame rate adjustable for each channel)	
Recording Mode	Always/ Schedule/ Motion detection/ Sensor triggered	Always/ Schedule/ Motion detection
Recording Pack Time	15/30/45/60mins selectable	
HDD Interface	Support 1 SATA HDD up to 2TB	
Network Interface	RJ45, 10M/100M	
Network Protocol	Support TCP/IP, UDP, DHCP, DNNS, PPPoE	
Network Function	IE viewer/ Preview/ DVR setting/ Mobile phone surveillance/ email notification	
USB2.0	USB mouse, backup, upgrade(USB Flash Disk)	
Playback	Local: max. 4-channel at the same time; Network: 1-channel at the same time	
Playback Mode	Normal play, fast forward, fast rewind, frame by frame	
Backup	USB flash disk, USB hard disk, USB CD/DVD-RW & Network	
PTZ Control	Built-in RS485, support PELCO-P & PELCO-D ⁺	
Mobile Surveillance	Support Mobile phones based on Windows Mobile, Symbian, iPhone, Blackberry and Android operation system	
Senor & Alarm I/O	4-channel sensor input/ 1-channel alarm output	No
Power Supply	DC 12V/3A (power adaptor included)	
Power Consumption	10~15W	
Working Temperature	-10° C to +40° C	
Working Humidity	10% to 90%	
Dimension(WxDxH)	300x220x47mm	
VGA output	Included	

Model: **D9108BV**

Brand: **SonnyLux**



Specifications

Video Compression	H.264	
Video System	NTSC / PAL	
Operation System	Linux	
Video Input / Output	BNC 8-channel input / 2-channel output	
Audio Compression	8kHz*16bit ADPCM	
Audio Input / Output	RCA 8-channel input/ 1-channel output	RCA 4-channel input / 2-channel output
Display Frame Rate	PAL: 240fps@D1/ NTSC: 200fps@D1	
Playback Resolution	PAL: CIF(352x288), HD1(704x288), D1(704x576) NTSC: CIF(352x240), HD1(704x240), D1(704x480)	
Total Recording Frame Rate	PAL: max.200fps@CIF, max.100fps@HD1, max.50fps@D1/ NTSC: max.240fps@CIF, max.120fps@HD1, max.60fps@D1 (Frame rate adjustable for each channel)	
Recording Mode	Always/ Schedule/ Motion detection/ Sensor triggered	Always/ Schedule/ Motion detection
Recording Pack Time	15/30/45/60mins selectable	
HDD Interface	Support 1 SATA HDD up to 2TB	
Network Interface	RJ45, 10M/100M	
Network Protocol	Support TCP/IP, UDP, DHCP, DNS, PPPoE	
Network Function	IE viewer/ Preview/ DVR setting/ Mobile phone surveillance/ email notification	
USB2.0	USB mouse, backup, upgrade(USB Flash Disk)	
Playback	Local: 1/4/8-channel playback; Network: 1-channel playback	
Playback Mode	Normal play, fast forward, fast rewind, frame by frame	
Backup	USB flash disk, USB hard disk, USB CD/DVD-RW & Network	
PTZ Control	Built-in RS485, support PELCO-P & PELCO-D	
Mobile Surveillance	Support Mobile phones based on Windows Mobile, Symbian, iPhone, Blackberry and Android operation system	
Sensor & Alarm I/O	8-channel sensor input/ 1-channel alarm output	No
Power Supply	DC 12V/3A (power adaptor included)	
Power Consumption	10~15W	
Working Temperature	-10° C to +40° C	
Working Humidity	10% to 90%	
Dimension(WxDxH)	300x220x47mm	
VGA output	Included	

Model: [D9216HV](#)

Brand: [SonnyLux](#)



Specifications

Video Compression	H.264
Video System	NTSC / PAL
Operation System	Linux
Video Input / Output	BNC 16-channel input/ BNC 1-channel main output & 1-channel spot output
Audio Compression	8kHz*16bit ADPCM
Audio Input / Output	BNC 16-channel input/ BNC 1-channel main output & 1-channel spot output
Intercom Input	BNC 1-channel
Monitoring Resolution	PAL: D1(704x576) / NTSC: D1(704x480)
Playback Resolution	D1/HD1/CIF
Display Frame Rate	PAL: 400fps@D1/ NTSC: 480fps@D1
Total Recording Frame Rate	PAL: 400fps@CIF, 200fps@HD1, 100fps@D1 NTSC: 480fps@CIF, 240fps@HD1, 120fps@D1
Recording Mode	Always / schedule / motion detection / sensor triggered
Display Mode	Single / Quad / Nine / Hex / PIP / S.E.Q.
Recording Pack Time	15/30/45/60mins selectable
HDD Interface	Default: 2*SATA fixed HDD (support up to 2TB for each) With internal DVD-RW (optional): 1*internal DVD-RW & 1*SATA fixed HDD
Network Interface	RJ45, 10M/100M /1000M
Network Protocol	Support TCP/IP, UDP, DHCP, DDNS, PPPoE
Network Function	IE viewer/ Preview/ DVR setting/ Mobile phone surveillance/ email notification
USB2.0	USB mouse, backup, upgrade(USB Flash Disk)
Playback	Local: 1/4/9/16-channel playback; Network: 1-channel playback
Playback Mode	Normal play, Fast forward, Fast rewind, Frame by frame
PTZ	Built-in RS-485 port, support PELCO-P & PELCO-D
Backup	USB flash disk, USB hard disk, USB CD/DVD-RW & Network backup
Alarm Mode	IE Viewer/ Preview/ DVR setting/ Mobile phone surveillance/ email notification
Senor & Alarm I/O	16-channel sensor input/ 1-channel alarm output
Power Supply	DC 12V/5A (power adaptor included)
Working Temperature/Humidity	10° C ~ +40° C / 10% ~ 90%
Dimension(WxDxH)	380x320x48mm
VGA Output	Included
HDMI Output	Optional

Model: **D9316HV**

Brand: **SonnyLux**



Specifications

Video Compression	H.264
Video System	NTSC / PAL
Operation System	Linux
Video Input / Output	BNC 16-channel input/BNC 1-channel main output & 1-channel spot output
Audio Compression	8kHz*16bit ADPCM
Audio Input / Output	BNC 16-channel input/BNC 1-channel main output & 1-channel spot output
Monitoring Resolution	PAL: D1(704x576) / NTSC: D1(704x480)
Playback Resolution	D1/HD1/CIF
Display Frame Rate	PAL: 400fps@D1/ NTSC: 480fps@D1
Total Recording Frame Rate	PAL: 400fps@CIF, 200fps@HD1, 100fps@D1 NTSC: 480fps@CIF, 240fps@HD1, 120fps@D1
Recording Mode	Always / schedule / motion detection / sensor triggered
Display Mode	Single / Quad / Nine / Hex / PIP / S.E.Q.
Recording Pack Time	15/30/45/60mins selectable
HDD Interface	Default: 4*SATA fixed HDD (support up to 2TB for each) With internal DVD-RW (optional): 1*internal DVD-RW & 3*SATA fixed HDD
Network Interface	RJ45, 10M/100M /1000M
Network Protocol	Support TCP/IP, UDP, DHCP, DDNS, PPPoE
Network Function	IE viewer/ Preview/ DVR setting/ Mobile phone surveillance/ email notification
USB2.0	USB mouse, backup, upgrade(USB Flash Disk)
Playback	Local: 1/4/9/16-channel playback; Network: 1-channel playback
Playback Mode	Normal play, Fast forward, Fast rewind, Frame by frame
PTZ	Built-in RS-485 port, support PELCO-P & PELCO-D
Backup	USB flash disk, USB hard disk, USB CD/DVD-RW & Network backup
Alarm Mode	IE Viewer/ Preview/ DVR setting/ Mobile phone surveillance/ email notification
Senor & Alarm I/O	16-channel sensor input/ 4-channel alarm output
Power Supply	DC 12V/5A (power adaptor included)
Working Temperature/Humidity	10° C ~ +40° C / 10% ~ 90%
Dimension(WxDxH)	2U standard industrial chassis, 451x481x97mm
VGA Output	Included
HDMI Output	Optional
Loop Output	Included