

DATASHEET

PENDVR-SB8M-4K

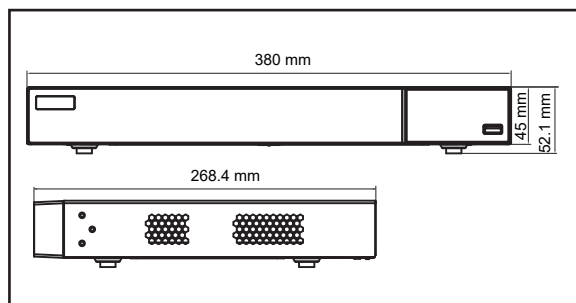
8 Channel 1U 4K DVR



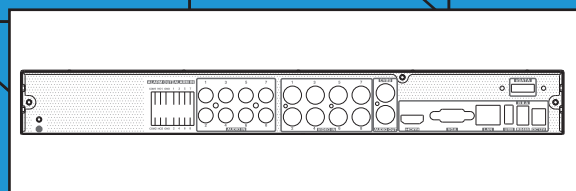
Characteristics

- 8 CH TVI / AHD video input, support 8MP/5MP/4MP/3MP/1080P/720P/WD1
- 8 CH CVI video input, support 4MP / 3MP / 1080P / 720P / WD1
- 8 CH DVRs default support 8 / 8 CH IPC 8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P
- Adopt standard H.265 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphics User Interface (GUI), window style operation by mouse
- Multi-mode recording: manual / timer / motion
- Playback : 8 / 16 CH simultaneously playback
- Search: time slice, time, event (manual, motion), tag search
- Express and flexible backup via USB, network and so on
- Pentaplex: preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol, IE browse and CMS supported
- Remote control via IE or CMS : preview, playback, backup, PTZ and configuration
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Multi-user online simultaneously
- Authorization management, log review and device status review
- HDMI 4K output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QRCode scanning by mobile phone and PAD
- Powerful smart phone & Pad surveillance with iOS and Andriod OS

Dimensions



Rear Panel



Specifications

PENDVR-SB8M-4K		
System	Compression	Standard H.265 High Profile
	CPU	Cortex A9
	OS	Embedded Linux
Video	Input	BNC × 8
	Resolution	TVI/AHD : 8MP/5MP/4MP/3MP/1080P/720P/WD1 CVI : 4MP/3MP/1080P/720P/WD1
	IP Input	8CH
	Output	HDMI × 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 BNC × 1 : CVBS (used as the main or spot output)
Audio	Input	RCA × 8
	Output	RCA × 1
	Two-way audio	Take up channel one audio input
Record	Resolution	4K/4K Lite/5MP/5MP Lite/4MP/4MP Lite / 1080P / 720P/WD1
	Frame Rate	4K@6/7fps (PAL/NTSC); 8CH: all channels support; 16 CH: odd channels can support) 4K Lite@12fps/15fps (PAL/NTSC) 5MP@12fps (PAL / NTSC) 5MP Lite@20fps (PAL / NTSC) 4MP@12fps(PAL) / 15fps (NTSC) 4MP Lite/1080P/720P/WD1@25fps (PAL) / 30fps (NTSC)
	Bit Rate	32Kbps ~ 5Mbps
	Mode	Manual, timer, motion
	IP Input	Resolution 8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P Frame Rate 25fps (PAL) / 30fps (NTSC)
Playback	Playback	8 CH
	Search	Time slice / time / event / tag search
	Smart Search	Highlight colors to display the camera record in a certain period of time, different colors refer to different record events
	Function	Play, pause, FF, FB, digital zoom, etc.
Alarm	Mode	Manual, motion, exception
	Input	8 CH
	Output	2 CH
Network	Triggering	Record, snap, preset, e-mail, etc.
	Interface	RJ 45 1000Mbps × 1
	Protocol	TCP/IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
Mobile Device	Bandwidth	32/96Mbps (access/transfer)
	OS	iOS, Andriod
Storage	HDD	SATA × 2, up to 8TB per HDD; E-SATA × 1
Backup	Local Backup	U disk, USB removable HDD
	Network Backup	Yes
Port	RS 485	RS 485 × 1, connect to PTZ or keyboard
	USB	USB 2.0 × 2
	Remote Controller	Optional
Others	Power Supply	DC12V / 4A
	Consumption	≤ 15W (without HDD)
	Dimensions(mm)	380 × 268 × 52 (W × D × H)
	Work Environment	-10~50°C, 10%~90% (humidity)