VIPER-4K2-4BB

4K 4CH HYBRID DIGITAL VIDEO RECORDER

VIPER

- 4CH TVI / AHD/CVI 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 video input

- Adopts standard H.265 high profile compression format for high-quality video at lower bit rates

- Intuitive and user-friendly Graphics User Interface (GUI), window style operation by mouse

- Multi-mode recording: manual / timed / motion

- 4CH simultaneous playback

- Search: time slice, time, event, tag and smart search

- Express and flexible backup via USB

- Pentaplex: preview, record, playback, backup and remote acces

- DHCP, DDNS, PPPoE network protocol

- Remote control via Web Client 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

- Authorization management, log review and device status review

- HDMI 4K output

- Supports PTZ preset and auto cruise, up to 255 presets and 8 cruises

- Supports NAT function and QR code

- Powerful mobile surveillance via iOS and Android devices
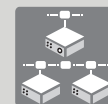
4K Output	DDNS	Network	PTZ
Audio	MIC	Mobile	CMS
USB	Mouse	Email	

Specification	VIPER-4K2-4BB
System	
OS	Embedded Linux
Video	
Analogue Video Input	- BNC x 4 - BNC interface (1.0Vp-p; 75Ω) - TVI/AHD/CVI : 4K@15fps, 5MP@20fps, 4MP/3MP/1080P/720P/WD1@30fps (live)
IP Video Input	- 2CH - Up to 8MP@20fps
Total Input	6CH
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)
Compression	H.264/H.265
Multi-Screen Display	1/4/6/8/9
Audio	
Input	RCA x 4
Output	RCA × 1 (linear, 600Ω)
Two-Way Audio	Take up channel one audio input
Compression	G.711(U/A)
Standard	
Video Compression	H.264/H.265
Audio Compression	G.711(U/A)
Recording	
Resolution	4K/4K Lite/5MP/5MP Lite/4MP/4MP Lite / 3MP/1080P/720P/WD1/D1
Frame Rate	Analog Channel: 4K@6fps /7fps (PAL/NTSC) (only CH1 supports) 4K Lite@12fps/15fps (PAL/NTSC) 5MP@12fps (PAL / NTSC) 5MP Lite@20fps (PAL / NTSC) 4MP/3MP@12fps / 15fps (PAL / NTSC) 4MP Lite/1080P/720P/WD1/D1@25fps / 30fps (PAL / NTSC) IP Channel: 8MP@ 20fps (PAL / NTSC)
Bit Rate	32Kbps ~ 4Mbps
Mode	Manual, timed, motion, smart event
Playback	
Playback	4CH
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
Functions	Play, pause, FF, FB, digital zoom, etc.
Alarm	
Mode	Manual, motion, exception, smart event
Input	4CH
Output	1CH
Network	
Interface	RJ45 100Mbps x 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP
Incoming Bandwidth	16Mbps
Outgoing Bandwidth	40Mbps
Client Connection	Max. 10 users access
Mobile Devices	
OS	iOS/Android
Storage	
HDD	SATA× 1, up to 10TB per HDD; E-SATA× 1
Backup	
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
Port	
RS485	Yes (half-duplex), connect to PTZ or keyboard
USB	USB 2.0 x2
Remote Controller	Optional

Others	
Power Supply	DC12V / 1.5A
Consumption	≤10W(without HDD)
Dimensions (mm)	300 × 249 × 45 (W × D × H)
Working Environment	-10 - 50°C, 10% - 90% humidity
Certificate	CE, FCC
Environment Protection	Complies with Directive EU RoHS, WEEE, REACH

DIMENSIONS