



4 Channel AI Hybrid DVR

CODE: VIPER-4K2-AI-4BB

NDA
Compliant



HD

8^{4K}
MP



Up to 10TB
Capacity



PTZ
Control



AI
Features



Dual-Stream
Support

Video

Compression		H.265+ / H.265 / H.264
Analogue Video Input	BNC Inputs	x4
	Resolution	4K; 5MP; 4MP; 3MP; 1080P
IP Video Input	Channels	2CH (Up to 6CH)
	Resolution	Up to 4K/8MP
Frame Rate	Analogue Channel	8fps at 4K; 12fps at 4K Lite, 5MP, 4MP, 3MP; 20fps at 5MP Lite; 25fps at 4MP Lite & 1080P
	IP Channel	20fps at 4K; 25fps at Lower Resolutions
Network Bandwidth		Incoming: 16Mbps / Outgoing: 40Mbps
Output		HDMI: 1920 x 1080; 1280 x 1024; 1024 x 768 VGA: 1920 x 1080; 1280 x 1024; 1024 x 768 BNC x1: CVBS (Main or Spot)
Multi-Screen Display		1 / 4 / 6 / 9
Simultaneous Playback		Max. 4CH
Search		Time Slice; Time; Event; Tag; Smart Search (<i>see below</i>)
Functions		Play; Pause; FF; FB; Digital Zoom

Smart Search

Colour coding to display camera footage across selected periods of time.

Audio

Audio Local Input	RCA x4 (1CH 2-Way Audio)
Audio Local Output	RCA x1
Compression	G.711(U/A)

Events

Alarm Type		Manual, Sensor, Motion, Exception & Smart Events
Alarm Input		4CH Alarm Input
Alarm Output		1CH Alarm Output
AI Features	Smart Motion Detection Performance	4CH
	Perimeter Protection Performance	1CH



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System & Hardware

Storage Options

Network Interface		RJ45 100Mbps x1
Protocol		TCP / IP, IPv4, IPv6, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPS, 802.1x, FTP, RTP, RTSP, RTCP, NTP, SMTP, UDP, Websocket, SNMP, IGMP
Client Connection		Max. 10 Users Access
OS		Embedded Linux
Video Management Software (PC)		NVMS 2.1.1 (Standard or Professional)
Mobile App (iOS or Android)		SuperLive Plus
HDD	SATA	SATA x1 (Max. 10TB)
	E-SATA	x1
Backup	Local	USB Disk
	Network	Supported
USB		USB 2.0 x2
RS485		Supported (Half-Duplex)
Power Supply		DC12V/1.5A
Power Consumption		< 10W (without HDD)
Operating Environment		Temperature: -10°C to +50°C; Humidity: Less than 90% (non-condensing)
Dimensions		300mm x 249mm x 45mm
Certificate		UKCA, CE, FCC, PSTI 2023, RoHS, WEEE, REACH (EC1907/2006)

Barebones	Code: VIPER-4K2-AI-4BB
1TB	Code: VIPER-4K2-AI-4-1TB
2TB	Code: VIPER-4K2-AI-4-2TB
4TB	Code: VIPER-4K2-AI-4-4TB
6TB	Code: VIPER-4K2-AI-4-6TB
8TB	Code: VIPER-4K2-AI-4-8TB
10TB	Code: VIPER-4K2-AI-4-10TB