



8 / 16 CHANNEL 8MP DVR

- 8 / 16 CH TVI / AHD video input, support 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1
- 8 / 16 CH CVI video input, support 4MP / 3MP / 1080P / 720P / WD1
- 8 / 16 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 / 16CH 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

MODEL	VIPER-4K-8		VIPER-4K-16
SYSTEM			
Compression	Standard H.265 High Profile		
CPU	Cortex A9		
OS	Embedded Linux		
VIDEO			
Input	BNC × 8		BNC × 16
Resolution	TVI / AHD: 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 CVI: 4MP / 3MP / 1080P / 720P / WD1		
IP Input	8CH (Up to 16CH)		
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 / Output	RCA × 8 / RCA × 1		
Two-way audio	Take up channel one audio input		
RECORDING			
Resolution	4K / 4K Lite / 5MP / 5MP Lite / 4MP / 4MP Lite / 1080P / 720P / WD1		
Frame Rate	4K@6 / 7fps (PAL / NTSC) / 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)		
PLAY BACK			
Playback	8CH		16CH
Search	Time slice / time / event / tag search		
Smart Search	Highlighted colour to display the camera record in a certain period of time, different colours refers to different record events		
Function	Play, pause, FF, FB, digital zoom, etc.		
ALARM			
Mode	Manual, sensor, motion, exception		
Input / Output	8CH / 2CH		16CH / 4CH
Triggering	Record, snap, preset, e-mail, etc.		
NETWORK			
Interface	RJ45 / 1000Mbps × 1		
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP		
Bandwidth	80 / 96Mbps (access / transfer)		
MOBILE DEVICE			
OS	iOS, Andriod		
STORAGE			
HDD	SATA × 2, up to 8TB per HDD; E-SATA × 1		
BACKUP			
Local Backup	U disk, USB mobile HDD		
Network Backup	Yes		
PORT			
RS485	RS485 × 1, connect to PTZ or keyboard		
USB	USB 2.0 × 2		
OTHERS			
Power Supply	DC12V / 4A		
Consumption	≤ 15W (without HDD)		≤ 30W (without HDD)
Dimensions (mm)	380mm× 268mm × 52mm (W × D × H)		
Work Environment	-10°C ~ 50°C / 10% ~ 90% humidity		

