

# VIPER-NVR-4K2-16BB

## 4K 16CH PoE NETWORK VIDEO RECORDER



- 16CH 8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF IP input
- H.265 & H.264 high-profile coding
- Intuitive and user-friendly Graphic User Interface (GUI); Windows style operation by mouse
- Multi-mode recording: manual / timed / motion / sensor / POS / AI recording
- 16CH simultaneous playback
- Search: time slice, time, event, tag and smart search
- Supports face detection and comparison
- Supports multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- Supports POS information overlay on live view and playback
- Express and flexible backup via USB, network etc.
- Pentaplex : preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Remote control via Web Client or CMS
- Dual stream technology for local storage with high definition



HD IPC



DDNS



Network



PTZ



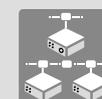
Audio



MIC



Mobile



CMS



USB



Mouse



E-mail



STD



VCA

# VIPER-NVR-4K2-16BB



<b>Specification</b>	<b>VIPER-NVR-4K2-16BB</b>
<b>System</b>	
<b>OS</b>	Embedded Linux
<b>Video</b>	
<b>IP Video Input</b>	16CH IPC input
<b>Screen Display Mode</b>	1/4/6/8/9/13/16
<b>Incoming/Outgoing Bandwidth</b>	160Mbps / 160Mbps
<b>IP Video Input Resolution</b>	8MP/6MP/5MP/4MP/3MP/1080P/ 1280×1024/960P/ 720P/960H/D1/CIF
<b>Output</b>	HDMI : 3840×2160/1920×1080/1280×1024/ 1024×768  VGA : 1920×1080/1280×1024/1024×768
<b>Audio</b>	
<b>Network Input</b>	16CH IPC audio input
<b>2-Way Audio</b>	RCA x1
<b>Local Output</b>	RCA x1
<b>Compression</b>	G.711(U/A)
<b>Recording</b>	
<b>Record Stream</b>	Dual stream recording
<b>Resolution</b>	8MP/6MP/5MP/4MP/3MP/1080P/ 1280×1024/960P/ 720P/960H/D1/CIF
<b>Playback</b>	
<b>Simultaneous Playback</b>	Max. 16CH
<b>Search</b>	Time slice / time / event / tag / smart search
<b>Smart Search</b>	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
<b>Functions</b>	Play, pause, FF, FB, digital zoom, etc.
<b>Decoding Capability</b>	
<b>Live View/Playback</b>	1CH 8MP@30fps; 6CH 1080P@30fps
<b>Alarm</b>	
<b>Mode</b>	Manual, motion, exception, smart event
<b>Input</b>	IPC alarm input
<b>Output</b>	IPC alarm input
<b>Triggering</b>	Record, snapshot, preset, e-mail, etc.
<b>Face</b>	
<b>Face Detection Performance (AI by IPC)</b>	16CH
<b>Face Detection Performance (AI by Device)</b>	2CH
<b>Statistic Graph</b>	Bar graph
<b>Statistic Mode</b>	Statistics by day, week, month, quarter as well as custom time period
<b>Video Structure Analysis (VSA)</b>	
<b>Human/Vehicle Classification (AI by IPC)</b>	16CH
<b>Human/Vehicle Classification (AI by Device)</b>	2CH
<b>Human/Vehicle Attribute Analysis</b>	Supported (AI by IPC)
<b>Other</b>	
<b>Fisheye</b>	Supports fisheye dewarping via Web Client and mobile app
<b>Plate Recognition</b>	Supported

<b>Network</b>	
<b>Interface</b>	RJ45; 10/100/1000 Mbps
<b>Protocol</b>	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, RTSP, HTTP, HTTPS, 802.1x, SNMP, ONVIF, etc.
<b>Client Connection</b>	Max. 64 users access
<b>Mobile Device</b>	
<b>OS</b>	iOS/Android
<b>Storage</b>	
<b>HDD Interface</b>	SATA 3.0 x2, up to 10TB each
<b>Backup</b>	
<b>Local Backup</b>	U disk, USB mobile HDD
<b>Network Backup</b>	Yes
<b>Port</b>	
<b>PoE</b>	RJ45 100Mbps x16
<b>Standards</b>	IEEE802.3AF/AT
<b>Output Power</b>	≤ 150W
<b>Other</b>	
<b>Power Supply</b>	DC48V/3.75A
<b>Consumption</b>	≤ 10W ( without HDD )
<b>Dimensions (mm)</b>	380 x 268 x 45 (WxDxH)
<b>Working Environment</b>	-10 ~50°C; 10% ~ 90% humidity
<b>Certificate</b>	CE, FCC
<b>Environment Protection</b>	Directive EU RoHS, REACH and WEEE

## DIMENSIONS

