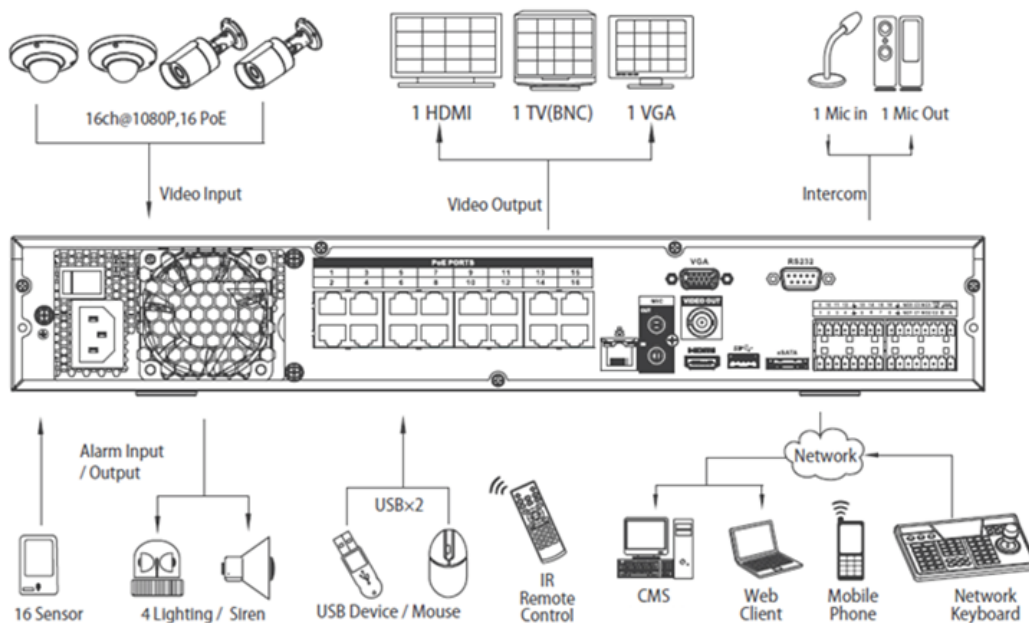


Vanguard Guardian+ NVR-Mx Series

8/16/32 Channel 4K & H.265 Network Video Recorder



- Up to 8/16/32 Channel with 1080P real-time live view
- Embedded LINUX
- H.265+/H.265/H.264/MJPEG dual codec decoding
- Max 200Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- 2 HDMI/2VGA Simultaneous Video Output
- Support Multi-brand network cameras
- ONVIF Version 2.4 conformance
- Support 4 SATA HDDs up to 48TB, 2 USB (1 USB3.0)
- Built in 8 Ports PoE Switch
- Multiple network monitoring: Web viewer, CMS.



Vanguard Guardian+ NVR-Mx Series

System		Storage	
Main Processor	Quad-Core embedded processor	Internal HDD	4 SATA ports, up to 48TB
Operating System	Embedded LINUX	Network	
Video		Ethernet	2 RJ-45 (10/100 /1000 Base-T)
IP Camera Input	Vanguard Guardian+ NVR-M8 8 Ch. Vanguard Guardian+ NVR-M16 16 Ch. Vanguard Guardian+ NVR-M32 32Ch.	Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UpnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Band width Management, Text Integration, Bonjour, ANR
Two Way Talk	1/1 Channel Input /Output RCA	Compatibility	ONVIF, PSIA, CGI
Display		Max. User Access	128 Users
Interface	1 HDMI, 1 VGA	Smart Phone	iPhone, iPad, Android, Windows Phone
Resolution	1920x1080, 1280x1024, 1280x 720,1024x768	Auxiliary Interface	
Display split	M 8: 1/4/8/9 M16: 1/4/8/9/16 M32: 1/4/8/9/16	USB Interface	2 ports (1 Rear USB3.0, 1 Front USB2.0)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	RS232	1 port, For PC communication & Keyboard
Recording		RS485	1 port, For PTZ control
Compression	H.265+/H.265/H.264+/H.264/MJPEG	General	
Resolution	1080P(1920×1080) / 720P(1280×720) / D1 (704×576/704×480)	Power Supply	AC 100~240V, 50/60 Hz
Record Rate	200 Mbps	Power Consumption	Max. 40 W
Bit Rate	48~ 8192kbps	Working Environment	-10°C~+60°C / 10%~90%RH / 86~106kpa
Recording Mode	Manual, Schedule (Regular (Continuous), MD, Alarm), Stop	Dimension (W×D×H)	1.5U, 440mm×413mm×75mm
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec	Weight	6.0KG (without HDD)
Video Detection and Alarm		Certification	CE: EN55022, EN55024, EN50130-4, EN60950-1 FCC Part15 Subpart B, ANSI C63.4-2014 UL: 60950-1 CAN/CSA C22.2 NO.60950-1
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer & Screen tips	Warranty	Vanguard 1-year warranty and Vanguard Extended Warranty option
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input	16 Channels		
Alarm Output	4 Channels		
Playback and Backup			
Sync Playback	1/4/9/16		
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
Backup Mode	USB Device/Network/Internal SATA burner		
Play Back Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		