



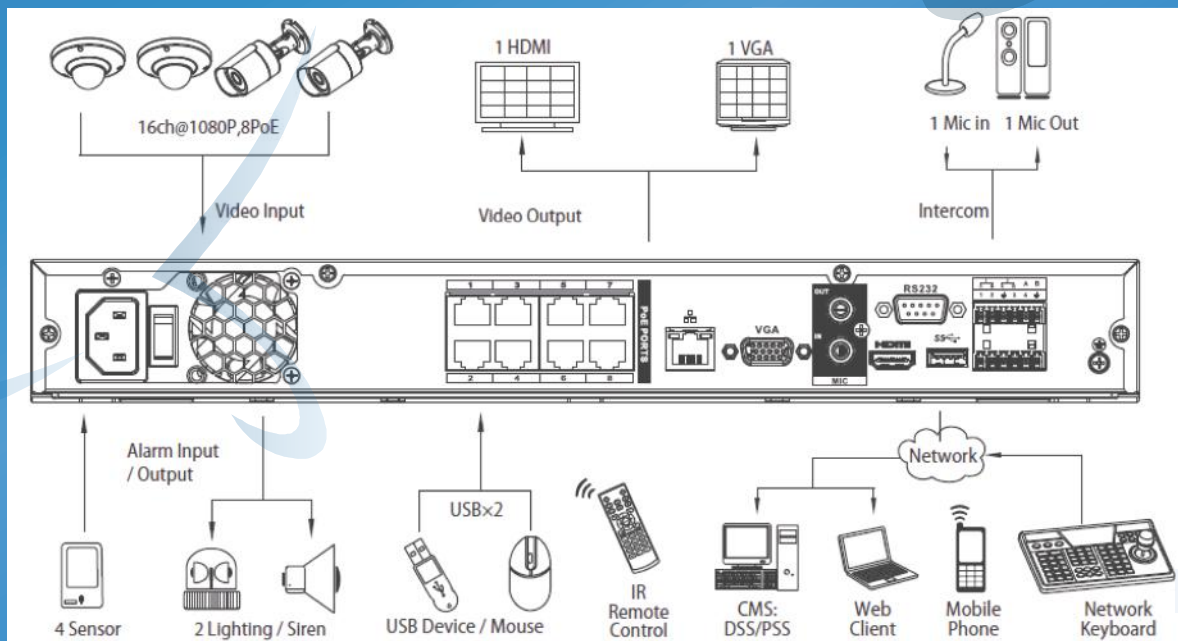
The New IP Matrix Range

IP-NVL-4 IP Network Video Recorder

Main Features Include:

- 1000GB to 4000GB HDD Options
- Modern design ideal for Marine installations
- Megapixel Recording
- PoE on all channels
- True Plug & Play
- 1080P Live Real Time Display
- ONVIF Compatible
- Up to 56Mbps incoming bandwidth
- Free CMS for Windows & Mac
- Dedicated Smartphone App with playback
- USB / Network Backup
- HDMI / VGA Outputs
- Audio Recording
- Supports P2P with QR code
- Size: 205 x 205 x 45mm (Smart 1U)

Specification may change without prior notice





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Technical Data

Video System	Main Processor	Dual-core Embedded Processor
	Operating System	Embedded LINUX
Video	IP Camera Input	4 Channel
	Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Display	Interface	1 HDMI, 1 VGA
	Resolution	1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768
	Display Split	1/4
	OSD	Camera Title Time Video Loss Camera Lock Motion Detection Recording
Recording	Maximum Live View Channels	4CH @ 720P (30fps), 2CH @ 1080P (30fps)
	Compression	H.264 / MJPEG
	Record Resolutions	1080P(1920 x 1080) /720P (1280 x 720) /D1 (704 x 576/704 x 480)
	Maximum Record Bandwidth	56Mbps
	Bit Rate	48 ~ 8192kbps
	Record Mode	Manual, Schedule (Regular/Continuous, MD, Alarm), Stop
Video Alarm & Detection	Record Interval	1~120 minutes (Default: 60 minutes) Pre-record: 1~30 seconds Post-record: 10~300 seconds
	Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer & Screen tips
	Video Detection	Motion Detection, MD Zones: 396 (22 x 18), Video Loss & Anti Tamper
	Alarm Input Alarm Output	N/A
Playback & Backup	Sync Playback	1/4
	Maximum Playback Channels	4CH @ 720P (30fps), 2CH @ 1080P (30fps)
	Search Mode	Time / Date, Alarm, MD & Exact Search (accurate to sec), Smart Search
	Playback Function	Play, Pause, Stop, Rewind, Fast / Slow Play, Next / Previous file, Next / Previous Camera, Full Screen, Repeat, Shuffle, Backup, Digital Zoom
Network	Backup Mode	USB Device / Network
	Ethernet	1 RJ-45 port (10/100Mbps)
	PoE	4 ports (IEEE802.3af/at)
	Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search (Support IP Camera, DVR, NVS & etc.), SNMP, P2P
Aux. Storage	Maximum User Access	128 Users
	Smart Phone	iPhone, iPad, Android, Windows Phone
	Internal HDD	1 SATA port, up to 4TB
General	External HDD	N/A
	USB	2 Ports USB 2.0
	RS232 RS485	N/A
	Power Supply	Single, DC48V/1.25A
	Power Consumption	NVR: 10W (without HDD), PoE: Max 25.5W for Single Port
	Working Environment	-10°C~+55°C / 10%~90%RH / 86~106kpa
	Dimensions	Smart 1U 325mm x 255mm x 55mm
Weight	500G - without HDD	

