



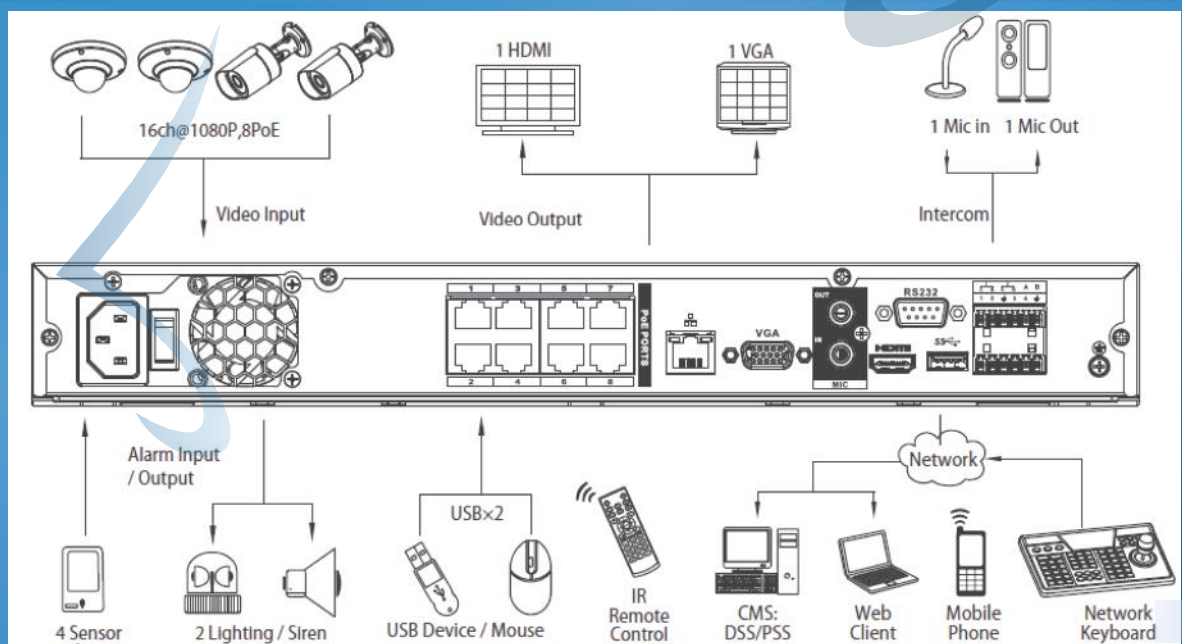
## The New IP Matrix Range

### IP-NVL-16 IP Network Video Recorder

#### Main Features Include:

- 1000GB to 8000GB HDD Options
- Megapixel Recording
- PoE on all channels
- True Plug & Play
- 1080P Live Real Time Display
- ONVIF Compatible
- Up to 5 Megapixel recording resolution
- Up to 200Mbps incoming bandwidth
- Free CMS for Windows & Mac
- USB / Network Backup
- HDMI / VGA Outputs
- Audio Recording
- Alarm In / Out
- Dedicated Dahua Smartphone App with playback
- Size: 375mm x 285mm x 50mm (1U)

*Specification may change without prior notice*





## The New IP Matrix Range

### IP-NVL-16 IP Network Video Recorder



#### Technical Data

Video System	Main Processor	Dual-core Embedded Processor
	Operating System	Embedded LINUX
Video Input	IP Camera Input	16 Channel BNC
	Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Display	Interface	1 HDMI, 1 VGA, 1 TV
	Resolution	1920 x 1080, 1280 x 1024, 1280 x 768, 800 x 600
	Display Split	1 / 4 / 8 / 9 / 16
	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
Playback & 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
	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
	Backup Mode	USB Device / Network
	Network	Ethernet
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
Maximum User Access		128 Users
Aux. Storage	Smart Phone	iPhone, iPad, Android, Windows Phone
	Internal HDD	1 SATA port, up to 4TB
	External HDD	N/A
General	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	

