

## 16/24/32 Channel MAX - 8MP Network Video Recorder

The λ | Cortex Network Video Recorder (NVR) is a professional, scalable platform, providing secure and reliable surveillance for high performance end-to-end security solutions. Our λ | Cortex NVR's are designed and manufactured bespoke to each individual requirement, utilising our preloaded λ | Cortex Viewer software for video management and supporting up to a 4K image resolution.



### Key Features

- Real-time 4K camera recording (8MP)
- UK Built / US Developed
- Supports up to 80TB hard disk drive
- Mobile viewing via λ | Cortex GO App
- High performance up to 256Mbps of total throughput
- View up to 100 populated cameras via λ | Cortex Viewer
- Audio recording
- Instant playback
- Intelligent self-maintenance
- H.264 & H.265 compression
- Plug & play



#### λ | Cortex Viewer License

λ | Cortex Viewer is a license-free Video Management Software allowing users to connect to all λ | Cortex NVR's, providing a unified platform for live video and playback.



#### Accredited Alarm Receiving Centre

λ | Cortex can provide monitoring for our range of NVR's via our NSI Gold Partner, QVIS Monitoring using the Sentinel platform.



#### P2P Setup

The λ | Cortex Max can be setup through our P2P servers hosted in the UK, linking your CCTV system to your smartphone.



#### Intelligent Video Analytics

λ | Cortex includes a full host of video analytics such as tripwire, object and parking detection. IP cameras connected must support analytical features.



#### Remote Management

The λ | Cortex Max includes a bespoke remote management tool for off-site technical support.



#### PoE Network Video Recorder

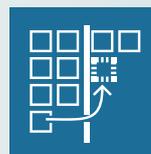
The λ | Cortex Max supports, 16 on-board PoE ports and can support up to 32 channels.



#### 3 Year Advanced Replacement Warranty

Three year warranty as standard across our full λ | Cortex range.

### SEE PAGE 3 - ANALYTICS



Simple Two Click, Drag & Drop Operation



Advanced Playback & Export Of Data



Free Cloud Updates & Software Features



## HIBERNATOR 16/24/32 Channel MAX 8MP Network Video Recorder - Specifications

<b>VIDEO &amp; AUDIO INPUT</b>	
IP Video Input	16/24/32ch
Two Way Talk	1-ch, RCA (Linear, 1kΩ)
<b>VIDEO &amp; AUDIO OUTPUT</b>	
HDMI	1ch, resolution:4K(3840×2160)/30Hz,1920×1080/60Hz,1440×900/60Hz,1280×1024/60Hz,1280×720/60Hz,1024×768/60Hz
VGA	1ch, resolution: 1920×1080/60Hz,1440×900/60Hz,1280×1024/60Hz,1280×720/60Hz,1024×768/60Hz
Audio Output	1-ch, RCA (Linear, 1kΩ)
Language	English, German, Italian - More available on request
<b>PLAYBACK &amp; BACKUP</b>	
Playback Resolution	12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF /QCIF
Decoding Capability	16CH@1080P, 4CH@4K , or 32CH@D1
Synchronous Playback	16CH
Playback Mode	Smart Playback/Normal/Time Division/Event playback
Backup Mode	USB Device/Network
<b>ADVANCED FEATURES</b>	
Smart Playback	Supports smart detection events for Video Analytics capable cameras.
Cloud Upgrade	Yes
<b>NETWORK</b>	
Ethernet	1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface
Network Compatibility	"HTTPs, HTTP, TCP/IP, Ipv4, RTSP, UDP, SMTP, Multicast, NTP, DHCP, DNS, IP Filter, DDNS, FTP, P2P, ONVIF"
incoming Bandwidth	256Mbps
outgoing Bandwidth	256Mbps
Smart Phone	IOS(iPhone, iPad), Android(Phone, Pad)
<b>HARD DISK</b>	
SATA	8 SATA interface
Capacity	Up to 8TB capacity for each HDD
<b>EXTERNAL INTERFACE</b>	
POE Port	16 independent 10 /100 Mbps PoE Ethernet interfaces
USB Interface	"Front panel: 2 × USB 2.0 Rear panel: 1× USB 3.0"
Audio I/O	1/1
Alarm In	16
Alarm Out	4
<b>GENERAL</b>	
Power Supply	AC 100~240V
Power Consumption	≤20W(without HDD and POE)
Working Environment	0°C~+55°C / 10%~90%RH
Dimension (W×D×H)	440×452×90mm
Weight	7.5kg

### 16/24/32 Channel MAX - 8MP Network Video Recorder

- Line Crossing
- Unattended Object
- Area Intrusion
- Fast Moving
- Loitering Detection
- Parking Detection
- People Gathering Detection

