λ | CORTEX

HIBERNATOR

128 Channel 4U 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)
- Recording @25FPS
- UK Built / US developed
- Supports up to 102TB hard disk drive
- Mobile viewing via λ | Cortex GO App
- Customised integration available
- High performance up to 905Mbps of total throughput
- Integrated with Paxton NET2
- View up to 100 populated cameras via λ | Cortex Viewer
- Audio recording
- RAID 1 & 5 Support
- Instant playback
- Intelligent self-maintenance
- 32 alarm inputs / 2 alarm outputs
- 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.
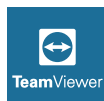
SENTINEL COMPATIBLE

Secure 256-Bit Encrypted Solution
λ | Cortex airlock provides 256-Bit encryption protecting your system form third party vulnerabilities.

BUILT-IN ENCRYPTION

Intel Inside
λ | Cortex has been designed and manufactured to utilise Intel i3, i7 & i9 Core Processors.

Remote Management
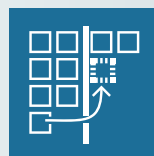Team Viewer is fully integrated with λ | Cortex NVR's for remote technical support.

Automatic Number Plate Recognition
Four channels of ANPR free with λ | Cortex. Includes full vehicle managment database. Storing up to 1000 number plates.

ANPR

3 Year Advanced Replacement Warranty
Three year warranty as standard across our full λ | Cortex range.

Simple Two Click, Drag & Drop Operation

Advanced Playback & Export Of Data

Free Cloud Updates & Software Features

Paxton | 4K ULTRA HD | Onvif | S | SKYHAWK SURVEILLANCE | GET IT ON Google Play | Download on the App Store

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HIBERNATOR 128 Channel 4U 8MP Network Video Recorder - Specifications

SYSTEM	
Video Management Software	λ	Cortex Viewer
Operating System	Linux
Processor	Intel i3 Core
Memory	8GB DDR4 RAM
Remote Access	Yes
Local Viewing	Yes
Language	English, German, Italian - More available on request

RECORDING	
Video Compression	H.265
Recording Resolution	4K (8MP)
Video Streaming	Yes
Live View	128
Playback	128
Incoming Bandwidth	905Mbps
Supported Video Resolutions/Frame Rate	4K (8MP) @25FPS
Supported Channels	128

INTERFACE	
Front Panel Connections	2 x USB.3.0
Rear Panel Connections	1 x PS2, 4 x USB 3.0, 2 x USB 2.0, 1 x VGA, 1 x DVI-D, 1 x HDMI, 2 x RJ-45, 1 x line In, 1 x line Out, 1 x mic In
Network Interface	2 x RJ-45 (1000Base-T)
Supported Video Signal Types	PAL/NTSC: NTSC (525 Line) or PAL (625 Line)
Audio Inputs	1
Audio Outputs	1
Alarm Inputs/Outputs	32/2
Video Outputs	HDMI, VGA & DVI-D

STORAGE	
Maximum Storage	102TB (17 x 6TB's)
RAID Configuration	RAID 1 or RAID 5 (Specified at point of build)
External Backup Support	Yes

MECHANICAL	
Housing	Steel enclosure
Form Factor	4U rack mount chassis
Dimensions	580mm (L) x 430mm (W) x 176mm (H)
Gross Weight	17.80kg

ELECTRICAL	
Power Input	100~240VAC, 50/60Hz
Power Supply	750W
Power Consumption	Configuration dependent

ENVIRONMENTAL	
Operating Temperature	0 to 50°C
Humidity	10 to 90% RH
Atmospheric Pressure	86kps - 106kpa

SUPPLIED ACCESSORIES	
Peripherals	Mouse & keyboard
Optional	Rack rail system