



λ | C O R T E X

4K NVR (MIDI ATX, Intel i3)

CODE: CTX-PAT-I3-(Add Channel)-(Add TB)

X RANGE



High-Level
Encryption



4K/8MP
Resolution



Sentinel ARC
Compatible



Intel Core
Processor



ANPR
(Up to 1000 Plates)



Features

Real-Time Recording	Supports Cameras up to 4K/8MP
Frames	Supports up to 25FPS
Mobile Viewing	λ Cortex GO App or λ Cortex VMS
Max. Performance	Up to 905 Mbps
Paxton Integration	Paxton NET2
Max. Camera Views	Up to 100 via λ Cortex VMS
Audio Recording	Supported
Instant Playback	Supported

Compression Standards	H.264 & H.265
RAID Support	RAID 1 & 5
Self-Maintenance	Supported
Plug & Play	Supported
Remote Management	Team Viewer Supported via λ Cortex VMS
Encryption	256-Bit
Chassis	MIDI ATX





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Hardware & System

Video Management Software	λ Cortex VMS
Operating System	Linux
Processor	Intel i3 Core
Memory	16GB DDR4 RAM
Remote Access	Supported
Local Viewing	Supported
Languages	English, German, Italian - More on Request



Video

Video Compression	H.264 & H.265
Recording Resolution	Up to 4K/8MP
Video Streaming	Supported
Live View	4 Channel / 8 Channel / 16 Channel
Playback	4 Channel / 8 Channel / 16 Channel
Incoming Bandwidth	905 Mbps
Supported Video Resolution / Frame Rate	4K/8MP @ 25FPS
Supported Channels	x4 / x8 / x16



Interface

Front Panel Connections	2x USB 3.0
Real Panel Connections	1x PS2; 4x USB 3.0; 2x USB 2.0; 1x VGA; 1x DVI-D; 1x HDMI; 2x RJ45; 1x Line-In; 1x Line-Out, 1x Mic-In
Network Interface	2x RJ45 (1000 Mbps Base-T)
Supported Video Signal Types	PAL/NTSC: NTSC (525 Line) or PAL (625 Line)
Audio Inputs	x1
Audio Outputs	x1





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Interface (continued.)

Alarm Inputs / Outputs	N/A
Video Outputs	HDMI; VGA; DVI-D



Storage

RAID Configuration	RAID 1 or RAID 5 (Specified at Point of Build)
External Backup	Supported



Certification

Certifications	British Standards Accreditation: - EMC Directive /2014/30/EU - RoHS Directive /2011/65/EU - LV Directive /2014/35/EU - UK S.I ECR 2016 Directive /1091 - UK S.I EE(S)R 2016 Directive /1101 - UK S.I RoHS Directive /3032
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Parameters & Dimensions

Housing	Steel Enclosure
Form Factor	MIDI ATX Chassis
Storage Temperature	0°C to +55°C (32°F to 131°F)
Working Humidity	10% to 90% (RH)
Atmospheric Pressure	86kps - 106kpa
Power Supply	230V AC (300W)
Power Input	100-240VAC; 50/60Hz
Dimensions	455mm x 349mm x 155mm (17.9" x 13.7" x 6.1")

