



Cathexis CNVR-10xx

Introduction

The Cathexis Compact NVR is a powerful, compact embedded Linux VMS solution, engineered for maximum reliability and efficiency while offering a lower-cost alternative to the traditional CathexisVision NVR. Based on an X86 platform, the open platform abilities and video analytics of the CathexisVision feature set can be supported for single server, on-site applications.

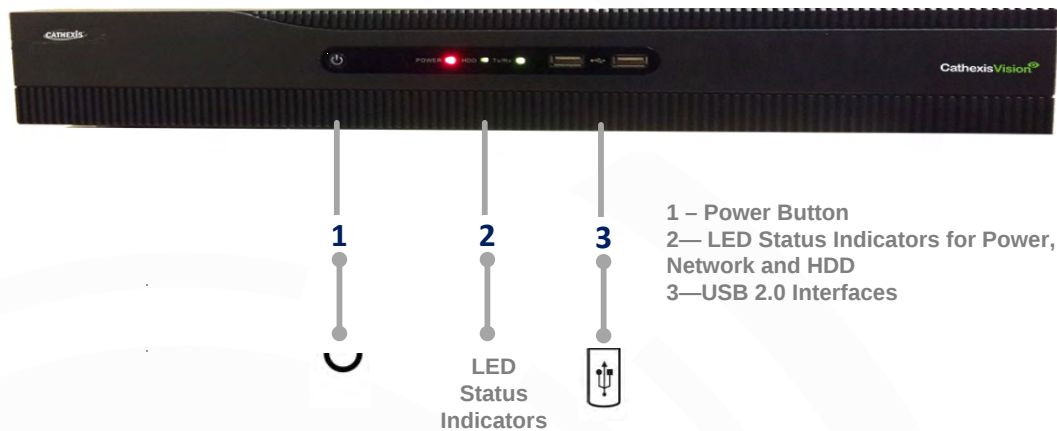
Features

- Intel® Celeron® Processor J1900 (2M Cache, 2.00GHz) with low power consumption and high performance.
- 8/16 independent PoE (Power over Ethernet) network interfaces are provided for IP cameras.
- Up to 10TB storage space for each HDD (either 2/4 hard drives maximum).
- 100MBs/1GBs network interface for external Ethernet connectivity.
- Best suited for single server, on-site environments.
- Video recording throughput of 100 MBs
- 3-year warranty.

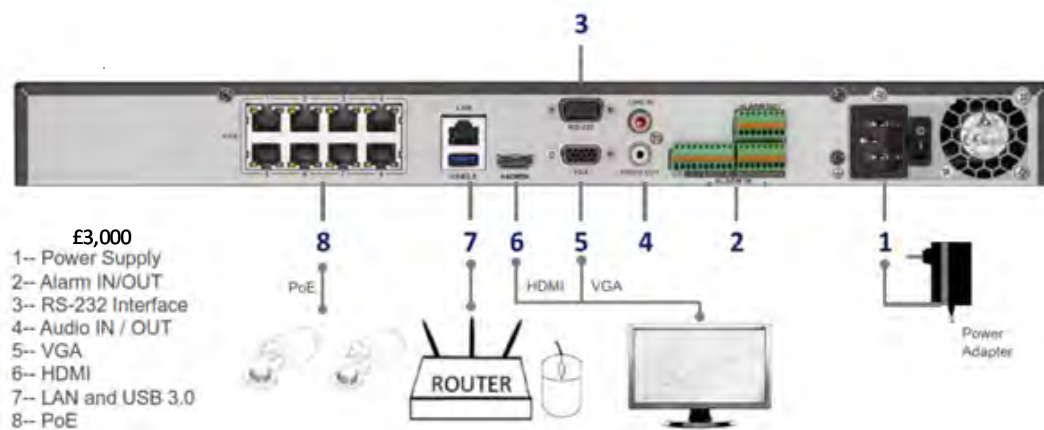


Physical Interfaces

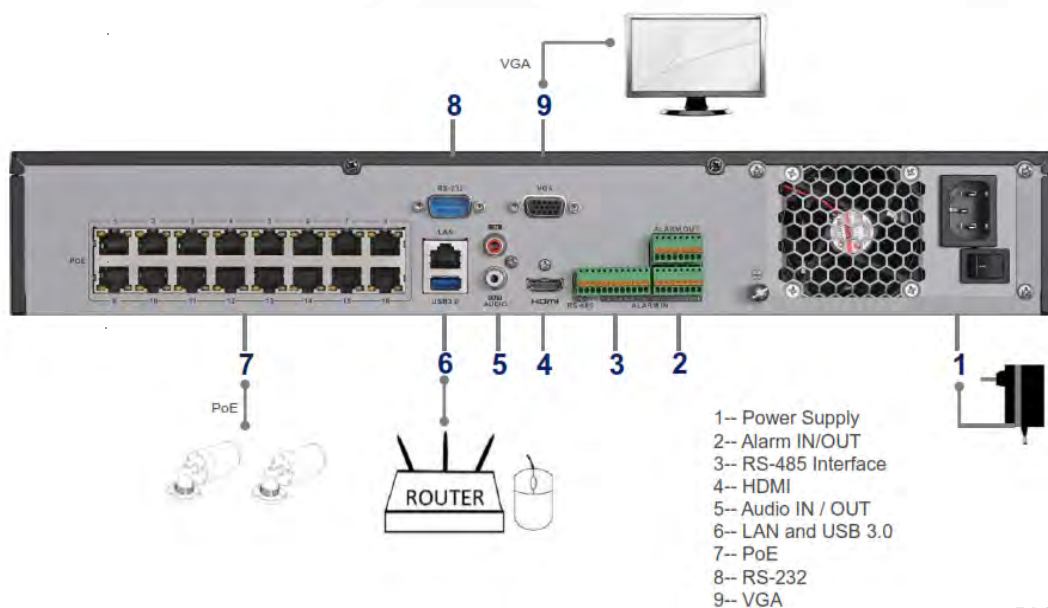
CNVR-1008/1016 Front View



CNVR-1008 Rear View



CNVR-1016 Rear View



CNVR-1008/1016 Specifications

Processor			Intel® Celeron® Processor J1900 (2M Cache, 2.00GHz)
Memory			4GB
Display	HDMI Output		1-ch, resolution: 2560 × 1600/30Hz , 1920 × 1080/60Hz, 1920 × 1080/50Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1280 × 720/50Hz, 1024 × 768/60Hz.
Video	VGA Output		1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1024 × 768/60Hz.
HDD Interface	SATA Interface		2 (CNVR-1008) / 4 (CNVR-1016)
	Capacity		Up to 10TB for each HDD.
	HDD Type		Surveillance-class HDD recommended.
External Interface	Network Interface		1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface.
	PoE Interface		8x (CNVR-1008) / 16x (CNVR-1016) independent 100 Mbps PoE network interfaces.
	PoE Consumption		120W(CNVR-1008) / 150W(CNVR-1016)
	PoE Standard		AT and AF
	Audio Input		1x RCA (2.0Vp-p, 1kΩ)
	Audio Output		1x RCA (2.0Vp-p, 1kΩ)
	Serial Port		1 × RS-232. Note: Hardware Flow Control is not supported.
	USB Interface		2 USB 2.0 interfaces in front panel and 1 USB 3.0 interface in rear panel.
Power Requirements	Alarm In/Out		16 / 4
	Power Supply		100 ~ 240VAC
	Consumption		≤ 30W ((without HDD or PoE Cameras)
Environmental Specifications	Working Temperature		0°C ~ 45°C (+32 °F ~ +113°F)
	Working Humidity		10% ~ 90%
Hardware specifications	Chassis		1U chassis (CNVR-1008), 1.5U chassis (CNVR-1016)
	Dimensions (WxDxH)		445 × 290 × 45mm(17.5" × 11.4" × 1.8") (CNVR-1008) 445 × 390 × 70mm(17.5" × 15.4" × 2.8") (CNVR-1016)
	Weight (without HDDs)		≤ 4 Kg (8.8lb) CNVR-1008 ≤ 5 Kg (11.0lb) CNVR-1016
Live View Specification	HD Monitor		1x 6MP @ 12fps 4x 4MP @ 12fps 9x 1MP @ 12fps 16x 4CIF @ 12fps
Video Recording			100MBs throughput.
Video Recording			Contact your local sales office for package options.

Hardware Ordering Information

CNVR-1008/1016	Intel® Celeron® Processor J1900 (2M Cache, 2.00GHz)
100-01332-1TB	Surveillance Hard Drive - 1TB
100-01562-2TB	Surveillance Hard Drive - 2TB
100-01671-3TB	Surveillance Hard Drive - 3TB
100-01783 4TB	Surveillance Hard Drive - 4TB
100-01820 6TB	Surveillance Hard Drive - 6TB
100-02065 10TB	Surveillance Hard Drive - 10TB
KBD-3000	Keyboard with LCD and Joystick