

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.

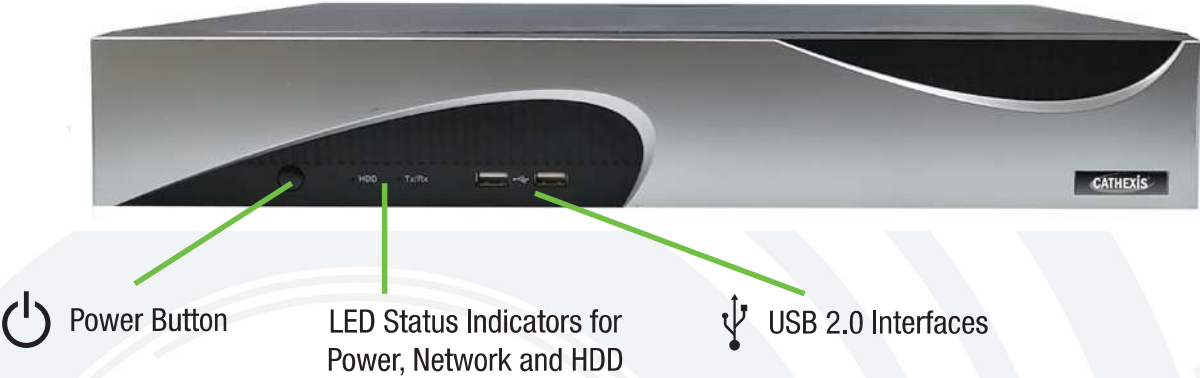
Features

- Intel® Celeron® Processor J3455 (2M Cache, 2.30GHz) 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.

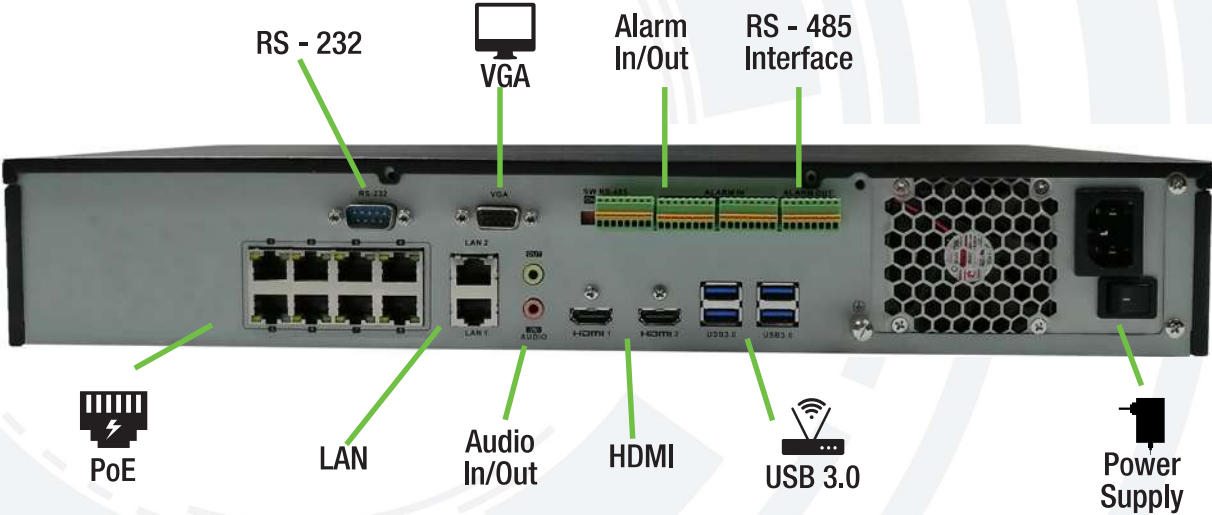


Physical Interfaces

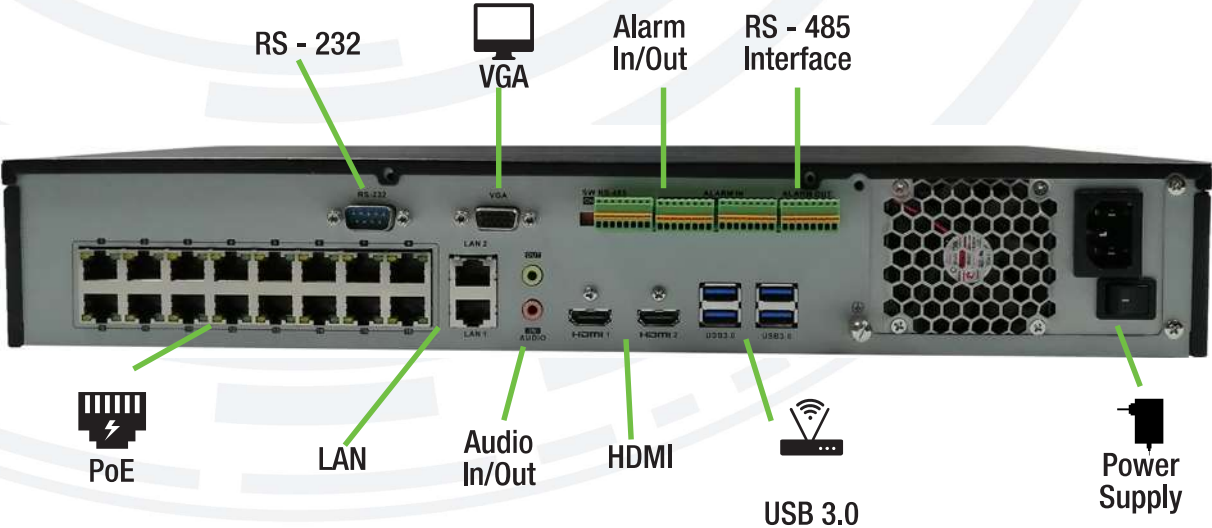
CNVR-1108B/1116B Front View



CNVR-1116B Rear View



CNVR-1116B Rear View



CNVR - 1108B/1116B Specifications

Processor		Intel® Celeron® Processor J3455 (2M Cache, 2.30GHz)
Memory		4GB with mSATA 64GB for OS
Display	HDMI Output	2-ch, resolution: 4K(3840x2160)@30Hz, 2K(2560 × 1440)@60Hz, 1920 × 1080@60Hz, 1600x1200@60Hz, 1280 × 1024@60Hz, 1280 × 720@60Hz, 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 (recording requirement only)
	HDD Type	Surveillance-class HDD recommended.
External Interface	Network Interface	2x, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface.
	PoE Interface	8x (CNVR-1108B) / 16x (CNVR-1116B) independent 100 Mbps PoE network interfaces.
	PoE Consumption	120W(CNVR-1008) / 150W(CNVR-1016)
	PoE Standard	IEEE 802.3 af/at
	Audio Input	1x RCA (2.0Vp-p, 1kΩ)
	Audio Output	1x RCA (2.0Vp-p, 1kΩ)
	Serial Port	1 × RS-232; 1x RS-485
Power Requirements	USB Interface	2 USB 2.0 interfaces in front panel and 1 USB 3.0 interface in rear panel.
	Alarm In/Out	4/2 (CNVR-1108B); 16 / 4 (CNVR-1116B)
	Power Supply Consumption	100 ~ 240 VAC 50/60 Hz ≤ 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-1108B), 1.5U chassis (CNVR-1116B)
	Dimensions (WxDxH)	445 × 290 × 45mm(17.5" × 11.4" × 1.8") (CNVR-1108B) 445 × 400 × 71mm(17.5" × 15.7" × 2.8") (CNVR-1116B)
	Weight (without HDDs)	≤ 3 Kg (6.6lb) CNVR-1108B ≤ 5 Kg (11.0lb) CNVR-1116B
Live View Specification	HD Monitor	1x 6MP @ 12fps 4x 4MP @ 12fps 9x 1MP @ 12fps 16x 4CIF @ 12fps
Video Recording		100MBs throughput.
CathexisVision Licenses		CathexisVision Lite with camera licenses as standard. Contact your local sales office for extra package options.

Hardware Ordering Information

CNVR-1108B/1116B	Intel® Celeron® Processor J3455 (2M Cache, 2.30GHz)
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