MPN: 0070-10403-V2

Cygnus 16 Channel NVR, 1U, 16 Ports PoE, 2 HDD, 2 NICS - NDAA



Ernitec Cygnus 16 channel PoE NVR - Advanced Surveillance, Simplified

Experience unparalleled security and efficiency with the Ernitec Cygnus 16 channel PoE NVR. This high-performance network video recorder supports up to 16 IP cameras and offers robust features designed to meet the demands of modern surveillance systems.

High Capacity & Performance: Handle up to 320 Mbps incoming/outgoing bandwidth and decode up to 1 channel at 12MP, 4 channels at 4MP, or 16 channels at 720P, ensuring smooth and reliable video processing

1.Intelligent AI Recognition: Enhance security with advanced AI capabilities, including face recognition, multi-objective detection, and support for specialized cameras like ANPR, fisheye, and thermal cameras

1.Comprehensive Connectivity: Equipped with 16 PoE interfaces, dual RJ45 1000M network ports, and support for HDMI and VGA outputs, this NVR ensures seamless integration and connectivity

1.Versatile Alarm Management: Stay alert with intelligent alarm triggers and actions, including motion detection, video loss, and intrusion detection, with notifications via buzzer, email, and app push

1.User-Friendly Operation: Enjoy easy setup and management with plug-and-play functionality, multi-screen display options, and extensive network protocol support, including HTTP, HTTPS, and ONVIF

1.Upgrade your surveillance system with the Ernitec Cygnus 16 channel PoE NVR and experience the future of security technology today.

- Up to 16-ch IP cameras access
- Up to 320 Mbps incoming/outgoing bandwidth
- Up to 1-ch @ 12MP/4-ch @ 4MP/16-ch @ 720P decoding capacity
- Support mask detection, face recognition and multi-objective recognition
- Supports some specialist cameras, including people counting camera, ANPR camera, fisheye camera, panoramic camera and thermal camera
- Support fisheye Dewarping and VCA alarm linkage
- Up to 4-ch perimeter protection
- 2 × RJ45 1000M network interface, Plug & Play with 16 PoE interface
- Support 1 HDMI and 1 VGA interface

Specifications

Battery	**Battery Weight (g)**	3 g
	Lithium Weight (g)	0.064 g
Features	**NDAA Compliance**	Yes
	On/off switch	Yes
	Product colour	Black
	Rack capacity	1U

Features	**Reset button**	Yes
Hard drive	**HDD capacity**	12 TB
	HDD interface	SATA, eSATA
	HDD size	3.5 "
	Maximum storage capacity	24 TB
	Number of HDDs installed	0
	Number of HDDs supported	2
Legal Information	**ADR Information**	UN3091 - Lithium METAL (inside equiment)
	Country of Origin	Taiwan
	Tariff No.	8521900000
Operational conditions	**Operating relative humidity (H-H)**	10 - 90 %
	Operating temperature (T-T)	-10 - 50 °C
	Storage relative humidity (H-H)	10 - 90 %
Package dimensions	**Gross Weight (Package, kg)**	4 kg
Packaging content	**Cables included**	AC
Performance	**Alarm input channels**	6
	Alarm output channels	2
	Backup function	Yes
	Face detection	Yes
	Maximum resolution	3840 × 2160 pixels
	Multi-screen	Yes
	Number of simultaneously playbacked channels	16 channels
	Number of users	8 user(s)
	On Screen Display (OSD)	Yes
	Output bandwidth	320 Mbit/s
	Playback controls	Yes
	Static IP	Yes
	Video input channels	16 channels
	Video loss detection	Yes
	Video motion detection	Yes
Ports & interfaces	**eSATA**	Yes
	eSATA ports quantity	1
	Ethernet LAN (RJ-45) ports	2
	HDMI output	Yes
	HDMI ports quantity	1
	Internal SATA ports quantity	2
	Line-in	Yes
	Networking standards	IEEE 802.3af, IEEE 802.3at
	Power over Ethernet (PoE)	Yes

Ports & interfaces	**Power over Ethernet (PoE) ports quantity**	16
	RS-485 ports	1
	USB 2.0 ports quantity	2
	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1
	VGA (D-Sub) output ports	1
Power	**AC input voltage**	100 - 240 V
	Total Power over Ethernet (PoE) budget	128 W
Product dimensions	**Net Weight (Product, kg)**	2.27 kg
	Product Depth	31.5 cm
	Product Height	4.7 cm
	Product Width	37.2 cm
Technical details	**Warranty period**	5 year(s)
Vendor information	**Brand Name**	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	5 Year(s)
Video	**Video intelligence analytic**	Yes