MPN: 0070-10405

Cygnus 32 channel NVR 16 POE - 1.5U 4 HDD Bays, 320Mbps, RAID - NDAA



The system allows access to up to 32-ch IP cameras and has a decoding capacity of 1-ch@12MP or 32-ch@D1. It supports face and multi-objective recognition, two HDMI and one VGA interfaces, and four SATA hard disks, each with a capacity of up to 16TB. There are two RJ45 10M/100M/1000M network interfaces, Plug & Play with 16 PoE interfaces, and support for RAID 0/5/6/10. It features smart search and playback capabilities.

For video input, it accommodates 32-channel IP camera input with an incoming and outgoing bandwidth of 320Mbps. Video output includes HDMI 1 output with resolutions up to 3840×2160 and HDMI 2 and VGA outputs up to 1920×1080. It supports different source output and has a decoding capacity ranging from 1ch 12MP to 32ch D1. Dual stream is supported, as well as multi-screen display configurations.

AI recognition features include face comparison, displaying real-time captured faces and comparison results, and multi-objective recognition that captures and displays images of vehicles, human bodies, non-motor vehicles, license plates, and face comparison results. Smart search functions allow searching by time, properties, pictures, and license plate, with trigger events including buzzer, alarm push, email, and simultaneous comparison results.

Perimeter protection supports alarm triggering by specified target types such as human and vehicle. Recording resolutions range from 8MP to D1, with manual, scheduled, and event-triggered recording modes. Motion detection, video loss, alarm in, and IVS can trigger events.

Playback and backup include synchronous playback and search modes by time/date, alarm, picture grid, and event, with backup modes via USB device, network, or eSATA. Network functions cover a wide range of protocols and support for up to 8 remote users.

Specifications

Battery	**Battery Weight (g)**	3 g
	Lithium Weight (g)	0.064 g
Features	**Brand compatibility**	Ernitec
	Compatible products	ONVIF, SDK, CGI
	NDAA Compliance	Yes
	On/off switch	Yes
	Product colour	Black
	Rack capacity	1.5U
	Rack mounting	Yes
	Reset button	Yes
Legal Information	**ADR Information**	UN3091 - Lithium METAL (inside equiment)
	Country of Origin	Taiwan
	Tariff No.	8521900000

Operational conditions	**Operating relative humidity (H-H)**	0 - 90 %
	Operating temperature (T-T)	-10 - 50 °C
Package dimensions	**Gross Weight (Package, kg)**	6 kg
Performance	**Alarm input channels**	6
	Alarm output channels	2
	Input bandwidth	320 Mbit/s
	Maximum resolution	3840 × 2160 pixels
	Multi-screen	Yes
	Number of users	8 user(s)
	Output bandwidth	320 Mbit/s
	Supported resolutions	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1
	Video input channels	32 channels
	Video loss detection	Yes
	Video motion detection	Yes
	Video recording modes	2160p, 1080p
Ports & interfaces	**Audio output**	1
	COM ports quantity	1
	eSATA	Yes
	eSATA ports quantity	1
	Ethernet LAN (RJ-45) ports	2
	Ethernet LAN data rates	10/100/1000 Base-T/TX Mbit/s
	HDMI output	Yes
	HDMI ports quantity	2
	Internal SATA ports quantity	4
	Line-in	Yes
	Power over Ethernet (PoE)	Yes
	Power over Ethernet (PoE) ports quantity	16
	RS-232 ports	1
	RS-485 ports	1
	USB 2.0 ports quantity	2
	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1
Power	**AC input voltage**	100 ~ 240 V
	Power	15 W
	Total Power over Ethernet (PoE) budget	140 W
Product dimensions	**Net Weight (Product, kg)**	4.65 kg
	Product Depth	31.5 cm
	Product Height	4.7 cm
	Product Width	37.2 cm

Storage	**HDD capacity**	16 TB
	HDD interface	SATA, eSATA
	HDD size	3.5 "
	Maximum storage capacity	64 TB
	Number of HDDs installed	0
	Number of HDDs supported	4
	RAID levels	0, 1, 5, 6, 10
	RAID support	Yes
Technical details	**Warranty period**	5 year(s)
Vendor information	**Brand Name**	Ernitec
	Warranty	5 Year(s)
Video	**Video intelligence analytic**	Yes

Other images

