MPN: 0070-08500

Ernitec 4 Channel NVR with 4 PoE Ports (Cygnus-BX2-414-1)



Smart H.265+/H.265/Smart H.264+/H.264/MJPEG decoding format

Access, storage or forwarding at 80 Mbps

Max. decoding capability: 16 × 1080p@30 fps. Supports adaptive decoding

AI by NVR: 1-channel face detection and recognition; 2-channel perimeter protection; up to 10 face databases and 20,000 face images; 4-channel SMD Plus

AI by Camera: Face detection and recognition, perimeter protection SMD Plus; people counting; stereo analysis; heat map

Connected to the third-party network cameras

Security baseline 2.3

Ernitec Cygnus Series Overview

The Cygnus series is a new generation of network recorders designed for small and medium-sized businesses. It offers powerful decoding capabilities and strong bandwidth, making it a cost-effective and versatile choice. Here are some of its key features:

Key Features

High-Precision Face Recognition: Utilizes Ernitec Face Recognition technology to extract and compare facial features with a face database.
Perimeter Protection: Filters out false alarms caused by animals, rustling leaves, bright lights, etc., improving alarm accuracy.
Smart Motion Detection (SMD): Distinguishes target vehicles and humans from other types in real time, reducing false alarms.

Quick Pick Technology: When connected with select IPC cameras, it allows for easy searching and picking out of human and vehicle targets.

Technical Specifications

Decoding Formats: Supports Smart H.265+/H.265/Smart H.264+/H.264/MJPEG.
Bandwidth: Access, storage, or forwarding at 80 Mbps.
Decoding Capability: Maximum of 16 × 1080p@30 fps with adaptive decoding.
AI by NVR:

1-channel face detection and recognition.
2-channel perimeter protection.
Up to 10 face databases and 20,000 face images.
4-channel SMD Plus.

AI by Camera:

Face detection and recognition.
Perimeter protection.
SMD Plus.
People counting.
Stereo analysis.

Heat map.

Third-Party Compatibility: Compatible with a wide variety of third-party network cameras.



Additional Features
AI Search: Allows operators to search for videos by target attributes and event types, facilitating quick and efficient investigations.

Heat Map by Camera: Displays crowd density and people appearance probability using different colors to represent crowd status.

ANPR by Camera: Recognizes vehicle number plates and supports blocklist/allowlist modes for searching target vehicles from recorded video.

This series is ideal for businesses looking for a reliable and efficient network recording solution with advanced AI capabilities.

Specifications

Performance	**Maximum resolution**	4928 x 3264 pixels
	Video input channels	4 channels
Ports & interfaces	**HDMI ports quantity**	1
	Power over Ethernet (PoE) ports quantity	4
Storage	**HDD capacity**	16 TB
	Number of HDDs supported	1
Vendor information	**Brand Name**	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	5 Year(s)
Video	**Video intelligence analytic**	Yes

Other products in this series

HDD capacity	
1000	0070-08500-1TB
2000	0070-08500-2TB
4000	0070-08500-4TB
6000	0070-08500-6TB
8000	0070-08500-8TB
16000	0070-08500