MPN: 0070-08503

Ernitec 32 Channel NVR (Cygnus-PX3-3210-4)



Cygnus-PX3-321.50-4

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

Max. decoding capability: 32 × 1080p@30 fps or 32 × 2MP@30 fps

Max. 384 Mbps incoming/recording/outgoing bandwidth

·Support AcuPick with Max. 16-Channel

Support N+M cluster

AI by recorder: 2-channel face detection and recognition, 4-channel perimeter protection, and 8-channel SMD Plus

AI by camera: Face detection and recognition, perimeter protection, SMD Plus, metadata, ANPR, stereo analysis, heat map, and people counting

Security baseline 2.3

Ernitec Cygnus Series Overview

The Cygnus series offers outstanding performance and high-grade recording technology, making it ideal for IP video surveillance applications.

It features a powerful processor that provides high access and forwarding bandwidth, along with strong decoding capabilities for unimpeded streams.

With its built-in AI chip and Ernitec advanced deep learning algorithms, this NVR supports a variety of AI functions, enhancing response times and making videos more interactive. It is also compatible with numerous third-party devices, making it a great solution for surveillance systems that work with Video Management Software (VMS).

Key Features

AcuPick Technology: Utilizes both front-end and back-end intelligence to search through massive video data quickly and accurately.

Perimeter Protection: Filters out false alarms caused by animals, rustling leaves, bright lights, etc., improving alarm accuracy.

Face Detection: Detects human faces in video using deep learning algorithms for tracking, optimization, and capturing the best face snapshots.

Face Recognition: Extracts and compares facial features with a face database using Ernitec Face Recognition technology.

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.

Smart Motion Detection (SMD) Plus: Categorizes targets that trigger motion

detection and filters out non-concerned targets for effective and accurate alarms.



Technical Specifications

Decoding Formats: Supports Smart H.265+, H.265, Smart H.264+, H.264, and MJPEG.
Decoding Capability: Maximum of 32 × 1080p@30 fps or 32 × 2MP@30 fps.
Bandwidth: Maximum of 384/384/384 Mbps for incoming, recording, and outgoing bandwidth.
Camera Resolution: Supports IP cameras with resolutions up to 32 MP.
AcuPick Channels: Supports up to 32 channels.
Cluster and Storage: Supports N+M cluster and iSCSI.

AI by Recorder:

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

AI by Camera:

Face detection and recognition.
Perimeter protection.
SMD Plus.
Metadata.
ANPR.
Stereo analysis.
Heat map.
People counting.

Additional Features: Supports EPTZ and one-click arming and disarming.

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

Specifications

Performance	**Video input channels**	32 channels
Ports & interfaces	**Ethernet LAN (RJ-45) ports**	2
	HDMI ports quantity	2
	Power over Ethernet (PoE) ports quantity	0
Storage	**HDD capacity**	80 TB
	Number of HDDs supported	4
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	
4000	0070-08503-4TB
8000	0070-08503-8TB
10000	0070-08503-10TB
12000	0070-08503-12TB
16000	0070-08503-16TB
20000	0070-08503-20TB
24000	0070-08503-24TB
30000	0070-08503-30TB
48000	0070-08503-48TB
80000	0070-08503

Other images

