4K Ultra HD | **Motion-Activated Deterrence** | **Motorized Zoom Lens** | **SONY IMX Sensor** | **Long-Distance Night Vision**

Smart Analytics | **Two-Way Audio** | **NDAA Compliant** | **PoE**

Pan/Tilt

Model Number: EL-IP8822PTZ-4K

General

Video Transmission Technology	IP Network
Image Sensor	8MP - 4K 1/2.7"
Effective Pixels	3840 x 2160
Sensor Type	Sony IMX
Video Compression	H.265 / H.264
Video Format	NTSC
Scanning System	Progressive CMOS
Min. illumination	0.009 Lux (B/W 0Lux@IR ON)
Connectivity	Wired / Ethernet
Recorder Type	NVR
NDAA	Yes
ONVIF	Yes

Video

Resolution	4K (8MP)
Frame Rates (Max.)	25fps
Wide Dynamic Range	WDR Digital
Noise Reduction	3D DNR
White Balance	Auto/Natural/Outdoor/Manual
Output Port	RJ45

Audio

Microphone	Yes
Speaker	Yes
Two-Way Audio	Yes
Siren	Yes

Night Vision

Night Vision Mode	IR
IR Night Vision Range	100ft (30m)
Dual-Light Night Vision	N/A
Color Night View (in Low Light)	Yes

Pro Features

Motion-Activated Deterrence	Yes
Red & Blue Light Deterrence	Yes
Siren Deterrence	Yes

AI Smart Features*	Face Detection & Recognition
	License Plate Detection
	Human / Vehicle Motion Detection
	Perimeter Intrusion Detection
	Line-Crossing Detection
	Crowd Density Detection
	Cross Counting
	Heat Map
	Queue Length Detection
	Stationary Object Detection
	Rare Sound Detection
	Smart AI Search

Lens

Lens Type	Motorized Vari-Focal
Viewing Angle (Horizontal)	113° ~ 31° (Approx.)
Viewing Angle (Vertical)	59° ~ 17° (Approx.)
Viewing Angle (Diagonal)	139° ~ 36° (Approx.)
Focal Length	2.8 - 12 mm
Optical Zoom	Yes, 4X Optical Zoom
Focus	Auto

PTZ

Movement Range (Pan)	350°
Movement Range (Tilt)	0° ~ 90°
Pan Speed	Configurable from 0.6° to 54°/s
Tilt Speed	Configurable from 0.6° to 52°/s
Presets	255 (Preset calls have a limit of 20,000 times)

Additional Specifications

Housing Material	Plastic
SD Card Slot	Yes*
Power Requirements	PoE / 12V DC
Power Consumption (Max)	Approx. 13W (12V DC / PoE)
Camera Dimensions (Dia x H)	~ 5.6" x 9.4" (167 x 238mm)
Operating Temptature	-30 ~ 60 °C (Approx.)
Humidity	< 90% RH
Environmental Rating	IP66 (Indoor / Outdoor)

What's Included: x1 Camera, x1 Screws Pack, x1 Quick User Guide

Disclaimers:

1- Compatible with Elder NocVU Series NVRs to Take Advantage of All Smart Features and Options.

2- 4K support recorder (not included) is required to record video in 4K resolution. 4K TV (not included) is required to view live or playback video in 4K.

3- To obtain the maximum of 25 frames per second, the camera must be connected to a recorder that supports the maximum frame rate.

4- In order to set and operate AI Smart features and full capabilities of this smart camera, it must be connected to a compatible Elder NocVU series NVR with AI smart technology.

5- Installation in a sheltered location recommended as it's not intended for water submersion.

6- Stated IR night vision range is based on ideal conditions (typical ambient lighting in outdoor nighttime). Actual night vision range and image clarity depends on installation location, light absorption & reflection, and viewing area.

7- In IR mode, the nighttime color video may switch to black & white night vision when ambient light is not sufficient.

* AI Smart features might be mutually exclusive due to performance limitation. They won't be setup and work altogether simultaneously.

* A microSD card can be inserted for independent recording. Data will not upload to the NVR or elsewhere for mobile app viewing.

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