



Model Number: EL-IP7811PRO-4K

General

Video Transmission Technology	IP Network
Image Sensor	8MP - 4K 1/2.8"
Effective Pixels	3840 x 2160
Sensor Type	Sony IMX
Video Compression	H.265 / H.264
Video Format	NTSC
Scanning System	Progressive CMOS
Min. illumination	0.007 Lux (B/W 0Lux@IR ON)
Connectivity	Wired / Ethernet
Recorder Type	NVR
NDAA	Yes
ONVIF	Yes

Video

Resolution	4K (8MP)
Frame Rates (Max.)	30fps
Wide Dynamic Range	WDR 120dB
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

Dual-Light Night Vision	Yes
IR Night Vision Range	82ft (25m)
Spotlight White Light	Yes, 65ft (20m)
Full Color	Yes
Color Night View (in Low Light)	Yes
Night Vision Mode	Motion-Activated White Light & IR Only White Light Only IR

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	Fixed
Viewing Angle (Horizontal)	~106° (Approx.)
Viewing Angle (Vertical)	~56° (Approx.)
Viewing Angle (Diagonal)	~126° (Approx.)
Focal Length	2.8mm
Optical Zoom	N/A
Focus	Auto

Additional Specifications

Housing Material	Metal
SD Card Slot	Yes*
Power Requirements	PoE / 12V DC
Power Consumption (Max)	Approx. 5.6W (12V DC) / 7.2W (PoE)
Camera Dimensions (W x H x D)	~ 6" x 2.9" x 2.9" (151.3 x 74.1 x 74.1mm)
Operating Temperature	-35 ~ 60 °C (Approx.)
Humidity	< 95% RH
Environmental Rating	IP67 (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 30 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 night vision range, White light or IR, 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.

Note: As our products are subject to continuous improvement, Elder Technology & subsidiaries reserve the right to modify products design, specifications, configurations, and prices without notice or liability.

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