

EH28 Specification

EH28 is an all-in-one solar-powered 4G PTZ camera with advanced AI analytics. No power cables or Wi-Fi needed for quick outdoor deployment.

- Equipped with high-efficiency solar panel and 24,000mAh large-capacity battery for long-lasting and energy-saving operation.
- Built-in AOV technology for 24/7 full-time continuous recording.
- 4G cellular network, remote live view via mobile APP
- Motorized PTZ supporting panoramic monitoring & auto cruise
- AI detection: Human, Smoke& Fire ,Blocking Detection
- Starlight night vision
- Waterproof outdoor housing, TF card local storage



Technical

OS	• Linux
AI Computing Power	• 1.0 TOPS NPU

Video

Multi-Channel Recording	• 1 Channels @1080P
Camera	• 4MP • EFL 5.0mm • FNO 1.0 • FOV : D=110° H=93° V=50°
Encoding	• H.264/ H.265
Audio Format	• G.711A

PTZ

Pan Range	• 270° (horizontal)
Tilt Range	• 180° (vertical)

Solar Panel

Solar Cell Material	• Mono- Si (Monocrystalline Silicon)
Transformation efficiency(EFF)	• 23.5%±5%
Peak power	• 4.3W

Electrical Specification

Power Consumption	• @3.2V 22mA(AOV mode)
Built-in Battery	• 24000mAh 3.2V Lithium battery
Audio	• Built-in microphone and 4Ω / 3W speaker

Cellular

Cellular	2G/ 3G/ 4G CAT.1
LTE Bands	LTE: B1, B2, B3, B4/66, B5, B7, B8, B20, B28, B38/B41 (EU)

AI

AI	- Human Detection - Fire & Smoke Detection - Blocking Detection
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Physical & Interface Specifications

Device Interfaces	- SIM card slot (Micro SIM) - Type-C debug port - TF slot*1 (64-512GB) Above CLASS 10
Configure	Air Config Tool/ Configurator
Working Temperature	-20°C to +65°C
Storage Temperature	-40°C to +85°C
IP Rating	IP67
LED	- Green: Charging complete - RED: Charging
Dimensions	L 199* W 145* H 237.5mm
Weight	1800g

Regulatory Compliance

Certification	CE
Product Name	AI-IOT Camera
Product Code	EH28

Appearance

Unit: mm

