Internet Protocol Camera Datasheet

Product Description

This product uses a high-definition 2K lens, with an F1.0 ultra-large aperture and array infrared lights to present clear and colorful images in low-light environments. At the same time, it is equipped with 3D digital noise reduction and motion detection functions, and an IP66 waterproof and dustproof design. It can be used via mobile phones remote access to meet diverse monitoring needs.

Product Features

- F1.0 Super Large Aperture, High-Definition Picture Monitoring
- 2K High-Definition Lens with Array Infrared Light for Low-Light Color Imaging at Night
- 3D Digital Noise Reduction, High-Definition Sound Pickup—Bid Farewell to Silent Video
- Utilizing Smart H.265 Decoding Technology for Smooth Viewing and Efficient Space Utilization
- Ethernet-Powered, Combining Power and Data Over Ethernet
- Motion Detection, Alarm Push Notifications
- IP66 Waterproof and Dustproof, Effortlessly Adapting to Various Environments
- Remote Access via Mobile Phone for Timely Scene Monitoring and Control
- Three Focal Length Lenses (4mm/6mm/8mm) Available to Meet Monitoring Needs at Different Distances

NEURON

Internet Protocol Camera Datasheet

☀ Specifications

Sensor Type	1/2.7" Progressive Scan CMOS
Maximum Image Size	2560 × 1440
Focal Length & Field of View	4 mm: Horizontal FOV: 70°, Vertical FOV: 35°, Diagonal FOV: 85 6 mm: Horizontal field of view: 46°, Vertical field of view: 24°, Diagonal field of view: 54 8 mm: Horizontal field of view: 43°, Vertical field of view: 24°, Diagonal field of view: 50° 12 mm: Horizontal Field of View: 27°, Vertical Field of View: 15°, Diagonal Field of View: 31°
Minimum Illumination	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with Light
Video Compression Standards	Mainstream: H.265/H.264, Sub stream: H.265/H.264
Network	1 RJ45 10M/100M adaptive ethernet port
POE	IEEE 802.3af, Class 3
Audio	1 built-in microphone
Alarm	1 alarm input, 1 alarm output (maximum DC12 V, 30 mA)
Power Supply	12VDC ±25%, 0.42 A, Max. 5 W
Operating Temperature and Humidity	-30°C ~ 60 °C, ≤95% RH
Protection	IP66
Size	87.1 × 83.7 × 171.7 mm