IPC447-F245-NR050-TU

Binocular Thermal Imaging Spherical Network Camera

4.0 MP
Sensor Pixel

ThoμmBl

★ ★ ★
★ ★
Starlight

IP66

Specifications

	IPC447-F245-NR050-TU
Heat-imaging	
Sensor type	Vanadium oxide uncooled coke plane detector
Maximum image size	640×512
Camera lens	50mm
Pixel	17μm
Temperature Range	-20 ~ +180 (±5°)
NETD	< 40mk (@25°C, F#=1.0)
Visible light	
The lens focal length	45 x optical zoom, f = 4 to 180 mm, 16 x digital zoom
Imaging sensor	1/1.8" / 1 " 4 megapixel scan line by line
Minimal illumination	Color: 0.0005 Lux @ (F1.5, AGC ON) Black and white: 0.0001 Lux @ (F1.5, AGC ON)
Video coding	H.265/H.264/MJPEG
Maximum resolution	2688×1520
Bit stream	Maximum three-yard stream support
Video frame rate	1~30 Frames
Video code rate	32Kbps ~ 32Mbps
Audio coding	PCMA, PCMU, G.722.1.C, ADPCM, G722, G.726, OPUS
Distance to fill light	IR at 200m
3DNR	Support
Close-up cloud platform	
Horizontal extent	360° for continuous rotation
Horizontal velocity	Keys for 200°/s and manually for 0.05°~200°/s
Vertical range	-25°-90°
Vertical velocity	Keyyed 120°/s and manually 0.05°~120°/s
Scale doubled	Support
Number of prepositions	512
Cruise scan	6 bars, each bar can add 18 preset points
Power memory	Support power off load preset bit, power off load before power off position
Auto Tracking	Support
DeFog-Fog	Support
Network function	
Networking protocol	TCP/IP, UDP, HTTP, DHCP, RTP/RTCP, RTSP, FTP, DDNS, PPPoE, 802.1X, QoS, UPnP, SNMP, SMTP
Programming interface protocol	GB28181, onvif, GB35114, and VIID
Number of user visits	20
System function	
Fire point detection	Support the fire point detection algorithm
Visible light intelligence	Mobile detection, blocking alarm, warning line, area invasion, entry area, leaving area, personnel gathering, abnormal sound, left items, items taking and taking; support personnel and vehicle detection
Peripheral interface	
Network interface	1×RJ45，10Base-TX/100Base-TX/1×1000Base-T
Gorge line	1×RS485
Alarm interface	1×Alarm In, 1×Alarm Out
Audio interface	1×Line In，1×Line Out
Memory interface	1 TF(built-in)
Power interface	AC24V
Java runtime environment Java	
Operating Temperature	−40°C~70°C
Humidity working	10%~90%
Levels of protection	IP66,6000V lightning protection, surge prevention and surge prevention, in line with GB / T17626.5
Weight	7.8KG
Size	412.8×φ250mm
Source	AC24V, The power consumption is 48W

Features

Excellent Image Quality
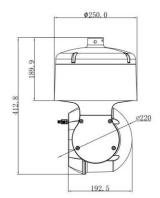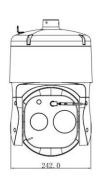
- Visible light 4 megapixel line-by-line scan image sensor, 26881520 HD resolution

- H.265 Efficient video encoding, effectively reduce the code stream, compatible with H.264

- And 45 x optical zoom, and 16 x digital zoom

- Thermal imaging was performed with 400300 resolution, 50mm lens

- Support infrared light supplement, infrared irradiation distance of 200 meters

- Support strong light suppression, fog transmission, anti-shaking and other image enhancement functions

- Support 3D noise reduction, clear and delicate image

- Three-code stream output, to meet the application requirements of different bandwidth and storage

- Built-in high-speed cloud head, can be horizontal 360° continuous rotation, vertical-25° ~90° can automatically flip

- Horizontal key control speed: 0.05° ~200°/s, the speed can be set; horizontal preset point speed: 200°/s

- Vertical keying speed: 0.05° ~120°/s, the speed can be set; vertical preset point speed: 120°/s

- Support depth of field ratio doubling, automatic watch and other functions

- Support to click in the center, box selection zoom of the quick location function

- 6000V lightning protection, surge prevention and wave prevention, support IP66 protection level

Dimensions

Units: mm

φ250.0

189.9

412.8

φ220

192.5

242.0

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