IPC545-F362-NL5-R100

4.0MP Multi-Spectral Heavy-Duty PTZ Network Camera

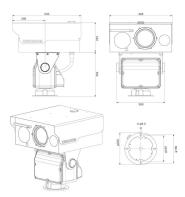**4.0** MP Çözünürlük | **Lazer IR** | **IP66**

Features

- 1/1.8-inch 4 - megapixel starlight-level ultra-low-light image sensor
- H.265/H.264/MJPEG video encoding, 2688×1520@25fps HD real-time video
- 62x high performance electric zoom lens, daytime viewing distance 10km
- Using 12μm vanadium oxide uncooled thermal imaging detector, effective pixel
- 640×512
- Support laser fill light , camera and laser light synchronization matching algorithm, kadar ışınlama mesafesi
- Supports image enhancement functions such as optical fog penetration, optical image stabilization, ultra-wide dynamic, backlight compensation, strong light suppression, 3D noise reduction, etc.
- The PTZ uses a backlash-free worm gear transmission structure, which has multiple protections, is resistant to strong winds, and operates smoothly and reliably
- The PTZ adopts high-precision servo system, maintenance-free, with an accuracy of up to 0.003°
- Supports information collection such as latitude, longitude, azimuth angle, etc
- Supports proportional zoom function , the rotation speed can be automatically adjusted according to the lens zoom ratio
- IP66 water and dust resistance rating
- Comply with GB/T 28181-2016 and GB 35114-2017 related standards
- Mainly used in places with no light or light interference at night, but also need to monitor wide angle and wide range. Such as forests, border defense, grasslands, ports, military facilities and other key places that require wide range monitoring.

Dimensions

Specifications

	IPC525-F362-NL5
Visible Light Camera	
Sensor	1/1.8" 4-megapixel progressive scan CMOS
Resolution	2688x1520
Minimum illumination	Color: 0.005Lux@(F1.2, AGC ON) Black and white: 0.0005Lux @ (F1.2, AGC ON), 0Lux laser on
Shutter	1 ~ 1/30,000s
Day and night mode	ICR color to black
Signal-to-Noise Ratio	>57dB
White Balance	Automatic/Manual/Tracking/Outdoor/Indoor/Outdoor Automatic
Image Enhancement	Optical fog penetration, digital fog penetration, ultra-wide dynamic range, optical image stabilization, electronic fog penetration, strong light suppression, 3D noise reduction, etc
Image Adjustment	Brightness, contrast, saturation, sharpness adjustment, support corridor mode, mirroring
Video Encoding	H.265(MP)/H.264(HP/MP/BP)/MJPEG
Audio Coding	PCMA (G.711a)/PCMU (G.711u)/PCM/AAC/MPEG2-Layer2
Storage function	1×TF kart, mak. 256GB desteği
Network protocol	TCP/IP, DHCP, DNS, DDNS, PPPoE, NAT, 802.1X, QoS, UPnP, SMTP
Interconnection Protocol	ONVIF, Ulusal Standart (GB/T 28181-2011), CGI
Visible Light Lens	
Focal length	f= 12.5 ～775mm, 62x optical zoom, supports optical fog penetration
aperture	DC-iris automatic aperture, F3.5-F16
Horizontal field of view	29.1°～0.5°（Wide angle-close-up）
Vertical field of view	16.7°～0.2°（Wide angle-close-up）
Optical image stabilization	support
Optical fog	support
Minimum object distance	5m
Focus Mode	automatic / manual
Thermal İmaging Camera	
Detector Type	Vanadium Oxide Uncooled Focal Plane
Resolution	800 x 600
Resolution	640×512
Pixel spacing	12μm
Response band	8-14μm
Detection frame rate	50Hz
Thermal imaging lens	100mm electric focus, field of view: 4.4°×3.5°
(NETD)	≤50mK@25℃,F#1.0
Renk Paleti	Siyah, sıcak/beyaz, sıcak ve diğer sahte renkler
Digital zoom	1.0~8.0× continuous zoom
Temperature measurement function	Supports full frame temperature measurement and regional temperature measurement support
Fire alarm	support
PTZ	
Drivetrain	Backlash-free worm gear structure, self-locking when power off, wind and earthquake resistantC
Horizontal range	360° continuous rotation
Yatay hız	0.01°～40°/s
Vertical range	-45°～+45°
Vertical speed	0.01°～20°/s
Precision Control	Servo PTZ system, maintenance-free and maintains 0.003° control accuracy
Proportional zoom	support
Number ofet	256
Preset cruise	8
Power off memory	support
Overwatch Features	support
3D Positioning	support
Angle Return	support
Accurate Locating	support
PTZ limit	support
Wipers	support
Remote power off and restart	support
Laser Light	
Laser wavelength	808nm
power	20W
Irradiation distance	5k
Laser Angle	0.3~40°, the camera and laser light angles change synchronously
Laser Adjustment	Equipped with electric adjustment mechanism, which can remotely correct the laser centering
Smart Features	
Smart Events	Cordon, area intrusion, area entry, area exit, crowd gathering, items left behind, items taken away, etc.
External Interface	
Power supply interface	1×DC48V
Network Interface	1 × RJ45
audio port	1× audio input, 1× audio output
Alarm interface	7× alarm input, 2× alarm output
Serial port interface	1 × RS485
Other interfaces	1× Beidou/GPS positioning antenna
Operating Environment	
Working temperature	-40 ℃ ~60 ℃
Working	10%～95%
Protection level	IP66, TVS 6000V lightning protection, surge protection, surge protection, in line with GB/T17626.5 level 4 standard
Power supply parameters	Power supply voltage: DC48V, power consumption: standby power consumption 80W; maximum power consumption 200W
Physical Properties	
weight	60kg
Physical Dimensions	540mm(length)×495mm(width)×594mm(height)
Installation	For seat installation, a stable installation platform is required.

ONVIF Tam Üyeliği
KEDACOM | Video Gözetim
Kablosuz ve Analitik Çözümler