

IPC522-F230-W

2.0MP 30x Vehicle PTZ Camera



Features

Excellent Image Quality

2.0 Megapixel 1/2.8" Progressive scan CMOS Sensor
High definition and smooth picture, 1080p@30fps
H.265 video codec, saves up to 50% bandwidth and storage
Ultra-low illumination, 0.003lux with color picture
IR automatically adjusts
3D noise reduction / HLC / BLC

Long Operation Lifespan

Industrial components, withstands operational temperatures between -40°C ~ 70°C
IP66, TVS 6000V lightning protection, surge protection and voltage transient protection

Large Scale

30x optical zoom
IR distance up to 80m

Abundant Functions and Features

Built-in Micro SD card, supports Automatic Network Replenishment (ANR)
Built-in super magnet
Wi-Fi supported
Up to 10 hours continuous working with battery in Wi-Fi
Vehicle based PT structure

Specifications

IPC522-F230-W	
Camera	
Image Sensor	1/2.8" progressive scan CMOS
Pixels	2.0 Megapixel
Min. Illumination	Color: 0.003lux @ (F1.5, AGC ON) B/W: 0.0003lux @ (F1.5, AGC ON); 0lux with IR
Shutter Speed	1 ~ 1/30,000s
Day / Night	Auto (ICR) / Color / B/W
Wide Dynamic Range	Digital WDR
S/N Ratio	57dB
White Balance	Auto / Manual
Gain Control	Auto / Manual
Backlight Compensation	Off / WDR / BLC / HLC
Lens	
Focal Length	4.5 ~ 135mm, 30x optical
Zoom Speed	Approx. 3s (Optical)
Angle of View	67.8°~2.77° (Wide-Tele)
Minimum Object	1000 ~ 1500mm (Wide-Tele)
Max. Aperture Ratio	F1.6 (Wide) / F4.4 (Tele)
Focus Control	Auto / Manual / Semi-Automatic
Infrared	
IR LED	4 pcs IR LED Array
IR Distance	40 ~ 80m
IR Intensity	Automatically adjust according to zoom ratio
Pan and Tilt	
Pan / Tilt Range	360° Endless / -15° ~ 90° (Auto Flip)
Pan / Tilt Speed	Pan manual speed: 0.1° ~ 30°/s; Pan preset speed: 50°/s Tilt manual speed: 0.1° ~ 30°/s; Tilt preset speed: 50°/s
Proportional Zoom	Pan / Tilt speed can be adjusted automatically according to zoom
Preset	256
Patrol	8 Patrols scheme, up to 32 presets per patrol
Pattern Scan	4 Scan paths, each path can record 10 minutes of operation path
Power-off Memory	Power-off memory / Power-on recovery
Auto Guard	Path / Preset / Mixed / Pan scan / Tilt scan
PT Limit	Manual / Scan / Pan
3D Positioning	PTZ control with mouse click and drag
Video	
Compression	H.265 / H.264
Image Resolution	Main stream: 1080p Secondary stream: 720p
Frame Rate	Main stream: 1080p@30fps Secondary stream: 720p@30fps
Bitrate	64kbps ~ 16Mbps
Bitrate Control	VBR / CBR
Multi-stream	Supported
Caption	Date and time / Alarm / Direction / Customized
Privacy Masking	Up to 4 zones
Motion Detection	Up to 4 zones
Video Freeze	Supported
ROI	Supported
Digital Noise Reduction	3D noise reduction
Digital Defog	Supported
Image Flip	Flip / Mirror
Network	
Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, VSIP, UPnP, 802.1x, NAT, QoS, SMTP, IPv4, IPv6 (optional)
User Interface	IPC Control (IE, Firefox, Chrome)
Max. User Access	Max. 20 users (includes 2 internal)
Wireless	Wi-Fi
3G/4G Frequency Band	Not supported
Wi-Fi	802.11ac/b/g/n
Bluetooth	N/A
Location Technology	Not supported
Application Programming	ONVIF (Profile S, Profile G), API, CGI
Alarm	
Alarm Triggers	Network disconnect
Alarm Events	Alarm report / Text overlay / Email notice
Interfaces	
Aviation Port	4-Pin 10/100M interface, 2-Pin Charge interface
WIFI	Built-in WIFI module
GPS	N/A
3G/4G	Not supported
Bluetooth	Not supported
Memory Slot	Built-in 128G Micro SD card
Environmental	
Operating Temperature	Power supplied by built-in battery: -20°C ~ 60°C / -4°F ~ 140°F Power supplied by DC: -40°C ~ 70°C / -40°F ~ 158°F
Operating Humidity	10% ~ 95%
Protection Level	IP66, TVS 6000V lightning protection, surge protection and voltage transient protection
Electrical	
	Built-in 13600mAh normal temperature rechargeable lithium battery Up to 10 hours continuous working with battery in Wi-Fi 12V DC ± 10%
Power Consumption	Max. 20W (IR on)
Mechanical	
Magnet	Built-in super magnet
Weight	4kg / 8.82lb (Gross Weight)
Dimensions	Φ215 × 153mm / Φ8.47" × 6.03"
Color	White, Customizable Black
Accessories	
Optional	Three-proof Suitcase
* All battery claims depend on network configuration and many other factors, actual results will vary.	