D21F



1MP with D/N,

- 1 Megapixel
- Day & Night
- Fixed Lens with f4.2mm/F1.8
- Event trigger, response and notification

Specifications

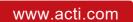
Device

Product Type Bo	ox MP
M	MP
Maximum Resolution 1N	
Application Environment Inc	ndoor/Outdoor
Image Sensor Pro	rogressive Scan CMOS
Sensor Size 1/4	/4 "
Effective Pixels 12	280(H) X 800(V) (1.02 MP)
Day / Night Ye	es es
Low Light Sensitivity Sta	standard
Minimum Illumination Co	color: 0.1 lux at F1.8 (30 IRE , 2400 K); B/W: 0.05 lux at F1.8 (30 IRE, 2400 K)
Color to B/W Switch	SP based switch, configurable
Mechanical IR Cut Filter Ye	es es
IR Sensitivity Range 70	00-1100nm
IR LED No	lo
Electronic Shutter 1/5	/5-1/2000 second (manual mode); 1/5-1/10000 second (auto mode)
Horizontal Resolution (TV Lines) 70	00 TVL

Zex		
S/N Ratio	52 dB	
Lens		
Focal Length	Fixed focal, f4.2mm	
Aperture	F1.8	
Iris	Fixed iris	
Focus	Manual focus	
Lens Mount	CS Mount (interchangeable lens)	
Horizontal Viewing Angle	53.8°	
Vertical Viewing Angle	29.1°	
Video		
Compression	H.264 (Baseline/ Main/ High profile), MJPEG	
Maximum Frame Rate vs. Resolution	30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 640 x 480 15 fps at 320 x 240	
Multi-Streaming	Simultaneous dual streams based on two configurations	
Bit Rate	28Kbps - 6Mbps (per stream)	
Bit Rate Mode	Constant, Variable	
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless	
Digital Noise Reduction	DNR	
Privacy Mask	4 configurable regions	
Text Overlay	Yes	
On-Screen Graphics	Yes	
Server-based Analytics	Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, People Queue Detection	
Network		
Network Protocol & Service	IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X	
Ethernet Port	1 x RJ-45 connector	
Security	IP address filtering, HTTPS encryption, Password protected user level, Anonymous login, IEEE 802.1X network access control	
Event		
Event Trigger	Video motion detection (3 regions),	
Event Response	Notify control center, Change camera settings, Command other devices, E-mail notification with snapshots, Push notification to mobile device, Upload video or snapshot to FTP server, Upload video to NVR server	
System		
Watchdog	Support	
Integration		



Unified Solution



Fully compatible with ACTi software

GPS Position Manual setting ONVIF Compliant Yes, Profile S, Profile T, Profile Q GB28181 Compliant Yes Web Browser IE 11 or newer, Firefox with VLC, Chrome with VLC, Safari with QuickTime	Software Development Kit	Yes
GB28181 Compliant Yes	GPS Position	Manual setting
	ONVIF Compliant	Yes, Profile S, Profile Q
Web Browser IE 11 or newer, Firefox with VLC, Chrome with VLC, Safari with QuickTime	GB28181 Compliant	Yes
	Web Browser	IE 11 or newer, Firefox with VLC, Chrome with VLC, Safari with QuickTime
Auto Firmware Upgrade Yes	Auto Firmware Upgrade	Yes

Interface

Auto Iris Connector	External connector for DC iris lens
Local Storage	No
Operating Button	Reset Button

General

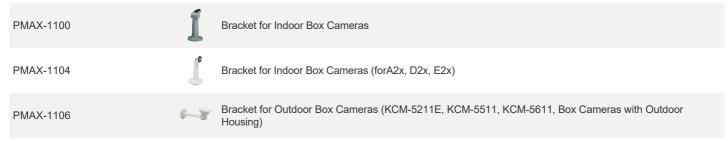
Power Source	PoE Class 2 (IEEE802.3af)
Power Consumption	2.436 W (PoE)
Weight	429g (0.946lb)
Dimensions	(W x H x D): 67.05mm x 65.02mm x 145.13mm (2.6" x 2.6" x 5.7")
Environmental Casing	Optional housing (IP66)
Mount Type	Bracket, Pole Mount, Corner Mount
Starting Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	10% - 85% RH
Approvals	CE, FCC, UL (for optional PoE injector)
Real-time Clock (RTC)	No
Warranty	2 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

Related Products

Mounting Accessories - Camera Mount

PMAX-0402	Corner Mount
PMAX-0503	Pole Mount (for PMAX-0102, PMAX-0312, PMAX-0313, PMAX-0314, PMAX-0702, PMAX-1106, PMAX-1107), supports 5.25" to 8.5" Poles
PMAX-0508	Pole Mount (for PMAX-0203, PMAX-0204, PMAX-0205, PMAX-0206, PMAX-0704), supports 3" to 9" Poles
PMAX-0704	Junction Box (for A4x, B4x, B41x, E44, E45, E46, E48, E44A, E45A, E46A, E41x, I4x, PMAX-0203~PMAX-0205)





Note: Some mounting accessories may need additional accessories for installation. Please check www.acti.com/mountingselector for more information.

Enclosures - Box Camera Housing

PMAX-0200	Outdoor Housing with Heater and Fan (110V)	
PMAX-0201	Outdoor Housing with Heater and Fan (220V)	
PMAX-0202	Outdoor Housing	
PMAX-0203	Heavy Duty Outdoor Housing with Heater and Fan (230V) and Bracket	
PMAX-0204	Heavy Duty Outdoor Housing with Heater and Fan (110V) and Bracket	
PMAX-0205	Heavy Duty Outdoor Housing with Bracket	
PMAX-0206	PoE Heavy Duty Outdoor Housing with Heater, Fan, Defogger and Bracket	

Lenses - Fixed Lens

PLEN-0101	Fixed Focal f4.2mm, Fixed Iris F1.8, Manual Focus, D/N, Megapixel, CS Mount Lens
PLEN-0119	Fixed Focal f2.8mm, Fixed Iris F2.0, Manual Focus, D/N, Megapixel, CS Mount Lens
PLEN-0130	Fixed Focal f2.93mm, Fixed Iris F2.0, Manual Focus, D/N, Megapixel, CS Mount Lens

Network & Storage Peripherals - Data Switch

Network & Storage Perip	is - Data Switch	
PPSW-0100	PLANET FGSD-910HP 8-Port 802.3at PoE Switch (PoE Budget 120W)	
PPSW-0102	PLANET FGSD-1011HP 8-Port 802.3at PoE Switch (PoE Budget 120W)	
PPSW-1101	PLANET GS-4210-24PL4C 24-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 440V	√)
PPSW-2101	4-Port 802.3at PoE Switch (PoE Budget 62W)	

Extenders - PoE Extender

PPEX-0100



Veracity OUTREACH Max Power over Ethernet (PoE) Extender

Extenders - PoE over Coaxial Extender Kit

PPOC-0100



Planet LRP-101C-KIT Power over Coax Adapter Kit

Other Accessories - Accessory Part

R707-10000



Mounting Block (for D2x, E2x, B2x, I2x)

Product Demo - Camera Demo Kit

PCDK-0001



Camera Demo Kit Rack Box (350 x 550 x 140 mm) for all cameras except Mini Domes