

PM-220F4 2Mega PIR IP Cam (802.11n Wifi)

PM-230F4 2Mega PIR IP Cam (802.3af PoE)

Key Features

- Full HD 1920*1080 resolution, max 25fps
- Built in IR LED and ICR for day & night surveillance
- Built in PIR function with accurate human detection
- Built in speaker with immediately audio warning
- Free service : Afidus Cloud Service™, Afidus DDNS Service™
- Smart Phone Apps



Model No.	PM-220F4	PM-230F4
Camera		
Image Device	Sony Exmor™ 2M sensor	
Effective Pixels	1920*1080	
Lens	f: 4.2mm (3.5mm wide angle lens available)	
Lighting LEDs type	12pcs IR LED	
ICR	Smart control ICR	
Video		
Video Encoder	H.264, MPEG4 and MJPEG simultaneously (Tri-encoders)	
Video Profile	20 profiles simultaneously	
Frame Rate	Up to 25fps for all resolution	
Image Setting	<ul style="list-style-type: none"> ● White Balance ● Noise reduction ● Exposure value, Color, brightness, sharpness, contrast, Hue ● Image Mirror, Flip 	
Streaming	<ul style="list-style-type: none"> ● Streaming over UDP, TCP, HTTP, or HTTPS ● M-JPEG streaming over HTTP (server push) ● Controllable GOP (I/P frame) ● Constant and variable bit rate (VBR, CBR, EVBR) 	
Privacy Mask	Yes	
Audio		
Audio Encoder	RTSP: G.711 64kbps, G.726 32kbps 3GPP: AMR	

Audio Streaming	One-way or two-way	
Audio Input / Out	<ul style="list-style-type: none"> ● Built-in MIC ● Built-in speaker ● Line out for external speaker 	
Network		
Ethernet	10/100M auto negotiation	
Wireless	802.11n	NA
Power over Ethernet	NA	802.3af
Supported Protocols	IPv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP	
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, user access log	
Users	20 simultaneous unicast users	
System Integration		
ONVIF	ONVIF 1.0/ 1.1/ 1.2/ 2.0/ 2.1/ 2.2 (up to date) protocols ONVIF version switchable	
Event Detection	<ul style="list-style-type: none"> ● PIR detector for human detection ● Intelligent motion detection ● Digital input ● Audio detection 	
Motion Detection	10 zones motion detection	
Audio Detection	Audio level 0-100	
Alarm Events	<ul style="list-style-type: none"> ● File upload to FTP or email ● File upload via Samba to NAS ● Notification via email, HTTP, and TCP server ● External output activation (DO) ● Internal speaker audio alert ● External audio alert ● Push notify to smart phone ● mSD card local storage 	
Video Buffer	Pre- and post- alarm buffering	
General		
Power Supply	12V DC power input	
Connectors	<ul style="list-style-type: none"> ● RJ-45 10Base-T/100Base-TX ● Power input jack ● 1 alarm input and 1 output (DI/ DO) ● Audio out ● Analog video output ● Factory default reset ● mSD card ● Detachable antenna (PM-220F4) 	

Indication LED	Green and orange LEDs
Operating Temperature	0°C to 50°C (32°F to 122°F)
Operating Humidity	20% ~ 80% (non-condensing)
Viewing System	
OS	Windows® XP, Vista, 7, 8
Browser	IE 6.0 or later, Firefox 2.0 or later, Safari , Google Chrome
Software	
Afidus Cloud Service™, Afidus DDNS Service™, Afidus Smart Phone Apps, Afidus NVR64™	