Pioneer Future Network
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PFN-AM2190D 2M PIR Cube IP Cam (802.3af PoE)

Model No.	AM2180D	AM2190D
Camera module		
Image Device	Sony Exmor™ 2M sensor	Sony Exmor™ 2M sensor
Effective Pixels	1920*1080	1920*1080
Lens	f: 4.2mm	f: 4.2mm
Lighting LEDs type	IR LED	IR LED
ICR	V	V
Video		
Video Encoder	H.264, MPEG4 and Motion JPEG simultaneously (Tri-encoders)	
Video Profile	20 profiles simultaneously	
Frame Rate	Up to 25fps for all resolution	Up to 25fps for all resolution
Image Setting	AE, AWB 3D Noise reduction Digital WDR Color, brightness, sharpness, contrast, Hue Mirror/Flip Privacy Masks Text, time and date overlay	

Streaming	Simultaneously multi-profile streaming Streaming over UDP, TCP, or HTTP M-JPEG streaming over HTTP (server push) Supports 3GPP mobile surveillance (MPEG4) Controllable frame rate and bandwidth Constant and variable bit rate (MPEG4 / H.264) ROI

Audio		
Audio Encoder	RTSP: G.711 64kbps, G.726 32kbps 3GPP: AMR	
Audio Streaming	One-way or two-way	
Audio Input / Out	Built-in MIC Built-in speaker Line out	

Network		
Ethernet	10/100M auto negotiation	
Wireless	802.11n	X
Power over Ethernet	X	802.3af
Supported Protocols	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	
SDK	Open API for software integration, ONVIF
Alarm Triggers	Intelligent video motion detection, external input, PIR detector (Human detect)
Motion Detection	Video motion detection up to 10 windows
Alarm Events	• File upload via FTP or email • File upload via Samba to NAS • Notification via email, HTTP, and TCP • External output activation • Audio alerting output
Video Buffer	Pre- and post- alarm buffering

General	
Power Supply	12V DC external power adapter
Connectors	RJ-45 10BaseT/100BaseTX 12V DC power jack 1 alarm input and 1 output Audio out TV out mSD card Factory default reset
Indication LED	Green and orange LEDs
Illumination LED	10 LEDs
Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% (non-condensing)
Viewing System	
OS	Windows® XP, Vista, Win7
Browser	IE 6.0 or latter / Firefox / Safari / Chrome
Cell Phone	With 3GPP player, iPhone™, Android™
Video Player	VLC, Quick Time, Real Player, Core Player, iPhone™ & Android™ App
Software	
Search & Installation	IPWizard II
Bundled NVR Program	SecuGuard 6.x: * 64ch. multi-channel supports Tri-decoder * 16ch. video playback (synchronization) * Smart & re-sizeable digital zoom. * Snapshot and edit * Motion, DI, Scheduler recording * Fast rewind and forward (MPEG4, H.264, MJPEG rewind) * 32x24 motion detection grids * Smart search (by time, by motion) * E-MAP * Event schedule setting * Remote service * Camera tampering

※ **The product function and dimensions may change without previous notice for improvement of performance.**