



20M-IR Full-HD H.264 Network Vandal Dome Camera

CAM6923FIR-PoE



Product Overview

Asoni launches an innovational IP camera - CAM6923FIR, it provides 60FPS@1920x1080 real-time video. Compare to 30FPS, 60FPS provides more details in the same time. It is great for monitoring fast moving object like license plates or human faces, such as parking lots, airports, and casinos. Asoni CAM6923FIR equips Sony Exmor CMOS sensor and IR LED to bring high quality video in day and night. To avoid dark zones that are caused by extreme-light condition, True WDR function will improve and bring clear video. 3D+2D DNR function effectively reduces the noise and blur from the image. Furthermore, intelligent face detection detects human face when they appear to the scene. This feature can tremendously reduce false alarms and unnecessary actions. Built-in Digital image stabilization reduced the blur moment caused by shaky movement, which is suitable for highway or subway station.

Features

- ▶ Sony Xarina platform
- ▶ Sony Exmor CMOS Sensor
- ▶ Resolution up to 1920x1080@60FPS
- ▶ H.264/MJPEG formats & triple stream
- ▶ Embedded ICR and 20-meters IR LED for day & night 24-hours surveillance
- ▶ Two-way audio, Digital In/Out
- ▶ 3-Axis gimbals adjustment
- ▶ Hidden connectors, Cordless
- ▶ IP66 water proof / IK10 vandal proof
- ▶ Onvif compliant
- ▶ True Wide Dynamic Range
- ▶ Shutter Speed adjustment
- ▶ 3D+2D Digital Noise Reduction
- ▶ Various types of event alerts
- ▶ Micro-SD card for event recording
- ▶ Embedded PoE (CAM6923FIR-PoE)
- ▶ Free 36CH recording software
- ▶ Free App (wecam_p2p) for monitoring via Android/iOS smart phone

Hardware

CPU	Sony Xarina
RAM	256MB
Flash ROM	512MB
Image Sensor	1/2.8" Sony Exmor CMOS Sensor
Lens	Vari-focal length 3~10.5mm, F1.4, Mega-Pixel lens
IR Distance	20 Meters
IR LED	Built-in 18 IR LEDs
Min. Illumination	Color: 0.1 lux (when IR is off) Mono: 0 lux (when IR is on)
Day / Night	Built-in Mechanism IR Cut Filter (ICR)
Shutter Time	Auto: Indoor, Outdoor Manual: 1/30 ~ 1/10000 sec
Audio Input	1 Microphone in (Terminal block)
Audio Output	1 Line out (Terminal block)
Digital In / Out	1 Digital in / 1 Digital out (Terminal block)
Video Output	1 Analog video out (BNC connector)
3-Axis Adjust	Rotation: 355° / Pan: 360° / Tilt: 40°
Housing	IP66 water proof / IK10 vandal proof
Power Supply	Use PoE: PoE Injector (IEEE 802.3af) Or, use Power Adaptor: DC 12V, 1.5A
Consumption	Max. 9 Watt
Dimensions	Φ134 x H108 mm
Operating Temp.	-40°C ~ +45°C

Network

Ethernet	10 / 100 Base-T
Network Protocol	IPv4/IPv6, HTTP, HTTPS, TCP/IP, RTP/RTSP, UDP, 3GPP, SMTP, FTP, Samba, PPPoE, DHCP, DDNS, NTP, UPnP, SNMP, QoS/DSCP, IP Filter, IEEE 802.1x, Bonjour
Onvif Compliance	Onvif V2.20, V1.01

Micro-SD Card Management

Recording Trigger	Motion Detection, Digital In, Tampering Detection, Face Detection, IP Check, Network Disconnect
Schedule	Snapshot with schedule
Video Format	Video (AVI), Snapshot (JPEG)
Playback / Delete	Yes

System

Video Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 800x600, 800x480, 640x480, 640x360, 320x240, 176x144
Video Format	H.264 / MJPEG
Frame Rate	Up to 60 FPS
Triple Streaming	2 for PC live view, 1 for mobile live view
Bitrate Adjust	CBR / VBR, up to 10Mbps
Video Adjustment	Brightness, Contrast, Hue, Saturation, Sharpness, Gain control, Shutter time, WDR, White Balance, 2D+3D Digital Noise Reduction, Day/Night color mode, Video orientation
Audio Format	G.711 (64Kbps), G.726 (24Kbps), G.726 (32Kbps)
Privacy Mask	3 definable areas
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, IEEE 802.1x port-based authentication, QoS/DSCP
Firmware Upgrade	HTTP mode, can be upgraded remotely

Event System

Event Trigger	Motion Detection, Digital In, Tampering Detection, Face Detection
Trigger Actions	Send Email, Send to FTP, Save to SD Card, Save to Samba HDD, Digital Out
Motion Area	3 definable areas
Pre / Post Alarm	Yes, configurable time

Remote Client Access

Client Software	Microsoft IE V7.0 (32-bit) or above Mozilla Firefox V6.0 or above Opera V11.5 or above Safari V5.1 or above Google Chrome V13.0 or above Android / iOS smart phone: "wecam_p2p"
Connected Clients	Up to 10 clients simultaneously
PC Requirement	OS: Windows 7, Vista, XP Suggested Hardware: Intel Core 2 Duo 2.53GHz, RAM: 1GB Graphic card: 128MB onboard