



20X_Zoom, H.265, Network Speed Dome

CAM6020FIR-PoE



Specification

- ▶ 2Mega-Pixel CMOS Sensor
- ▶ 20X optical Zoom Lens
- ▶ 360° Pan back-and-forth & 180° Tilt performance
- ▶ IR LED 150 Meters
- ▶ Two-way audio, Digital In/Out
- ▶ IP66 water proof standard
- ▶ Quadruple Streaming
- ▶ Bandwidth Saving up to 50%
- ▶ ROI Function
- ▶ Smart IR
- ▶ -40°C ~ +50°C Temperature Range
- ▶ Free App (wecam_p2p) for monitoring via Android/iOS smart phone

Hardware

CPU	Multimedia SoC
RAM / Flash ROM	256MB /32MB
Image Sensor	1/2.9" 2 Mega-Pixel Exmore CMOS Sensor
Lens	F1.6~2.8, 20X optical zoom
Min. Illumination	Color: 0.05 lux ; Mono: 0.005lux
View Angle	Approx. 2~39.16 degrees (WIDE), 3.48~62.6 degrees (TELE)
Pan / Tilt Range	Pan: 360° , Tilt: 0°~180°
Manual Control Speed	Pan: 0.42°~25.8°/s ,Tilt: 0.31°~18.69°/s
Preset(Patrol) Speed	Pan: 240°/s , Tilt: 180°/s
Preset Accuracy	< 0.15°
Preset Points	Total 256
Preset Focus Mode	Auto / Manual
Patrol(travel-points)	8 groups with 24 point
Auto Recovery (return back)	Pending Time, Action
Auto Pan	Yes
Cruise	8 groups, (Route-Trace can be customized as memory set)
Home Position	Yes
Point To Go	Yes
Auto Electronic Shutter	Auto / Shutter Mode
DNR / WDR Mode	Off / Low / Middle / High
Video Orientation	Off / Flip / Mirror / Rotate
Contrast	-4 ~ 4
Saturation	-4 ~ 4
AE – Shutter priority	Flicker , 1/1 ~ 1/5000
LEDs	9 Units HIGH Power
IR Distance	150M

Hardware

Sharpness	-4 ~ 4
Exposure	-6 ~ 6
Compensation	
White Balance	Auto / Indoor / Outdoor / Fine shade 7500K / Cloudy weather 6000K / Fluorescent light 4200K / Halogen light 3200K / Electric light bulb 2900K
De-fog	Off / On
Day / Night Mode	Auto / Color / B/W / Time Mode with auto ICR
Day & Night Level	1 ~ 5
Day & Night Delay	4~60 sec.
Audio Input	1 External Audio in
Audio Output	1 External Line out
Digital In / Out	4 Digital in / 1 Digital out (Terminal block)
Housing	IP66 water proof standard
Power Supply	Use PoE: PoE Injector (60W) as optional offer (not comply with 802.3at) Or, use Power Adaptor: DC 36V
Consumption	Max. 49 Watt
Dimensions	Φ227.1 x H346.2 mm (No Bracket)
Operating Temp.	-20°C ~ +60°C without heater (standard) -40°C ~ +50°C with heater (as option)

Event System

Event Trigger	Motion Detection
Trigger Actions	Send Email, Send to FTP, Save to Samba HDD, Digital Out
Motion Area	windows areas
Pre / Post Alarm	Yes, configurable time

Bracket



Network

Ethernet	10 / 100 Base-T
Network Protocol	IPv4/IPv6, HTTP, HTTPS, TCP/IP, RTSP, UDP, 3GPP, SMTP, FTP, Samba, PPPoE, DHCP, DDNS, NTP, UPnP, SNMP, QoS/DSCP, IEEE 802.1x, Bonjour

Remote Client Access

Client Software	Microsoft IE 9 or above Safari V5.1 or above
	Android => "wecam_p2p" iOS=> "wecam_p2p"
PC Requirement	OS: Windows 7, Vista, XP Suggested Hardware: Intel Core 2 Duo 2.53GHz, RAM: 1GB Graphic card: 128MB onboard

System

Video Resolution	1920x1080, 1280x720, 640x480, 320x240, 176x144
Video Format	H.265 / H.264 / MJPEG
Frame Rate	Up to 30 FPS
Quadruple Streaming	Yes
Bitrate Adjust	CBR / VBR
Video Adjustment	Auto Electronic Shutter · Day & Night Mode · Day & Night Level · DNR Mode · WDR Mode · Video Orientation · White Balance · Sharpness · Exposure Compensation · Defog · OSD · Contrast · Saturation · EIS
Audio Format	G.711 (64Kbps), G.726 (24K / 32Kbps)
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