SJP1177-FP

H.264/MJPEG 2M High-speed PTZ Camera



ONVIF

Full HD(2M) | H.264 MJPEG | 30fps | WDR | PTZ | QR Code

Key Features

1/2.8" 3.2M PS CMOS Sensor

Optical 20x(Digital 12x) 4.7-94mm(F1.6-3.5)

Min. Illumination: 0.00005 Lux

Max. 30fps@2M(1920x1080)

Dual Stream(H.264, MJPEG)

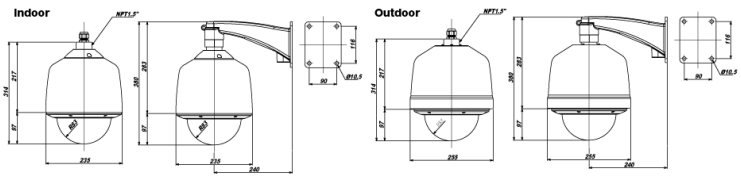
Onboard storage by Micro SD
Built-in PoE (Optional)

Supports both ONVIF(ProfileS) and PSIA(v1.0) standards.

Video Encoding	H.264/MJPEG(simultaneous dual stream) H.264/H.264 (true H.264 dual streaming) Simultaneous streaming with independent control
Video signal	1 Analog(NTSC only) Output (Optional)
Resolution	1920x1080, 1280x720, 640x352, 320x176, 160x96
Live Casting	Streaming video channels with full duplex live audio Up to max 30fps@ 2M when simplex
Audio Encoding	8bit G.711, 8Khz, 8KByte/sec
Audio channels	1ch audio-in & 1ch audio-out
PTZ support	Variable speed from 0.1°/sec to 420°/sec Rotation Angle: Pan 360° (endless), Tilt:180° (Auto flip) Optical zoom X20, Digital zoom x12 32 Preset Positions, 16 Scan, 8 Pattern, 8 Tour, 8 privacy zone.
Serial Interface	COM Port: RS-232, for console, serial input/output device AUX Port for PTZ or other RS485 device Max. Baud rate: 115200 bit/s
Bandwidth Management	Frame rate control / Bandwidth control / CBR / VBR
Alarm Management	[Trigger Condition] Video loss / Video recovered / Motion detection (144 area) / Boot finished / Schedule [Alarm Service] Image holding service (Max 5.6MByte pre-post alarm buffer), Image upload service through E-mail / FTP (support pre & post), Notification service through TCP / UDP / HTTP
Security	Channel based user password protection for live-cast, PTZ, alarm output and audio
Dynamic IP	Dynamic IP service using www.ipcctvdns.com
Smart Solution	Smart Phone Application (IOS, Android)
Web interface	Live-cast, PTZ control, search through Web browser Minimum PC requirement - Windows XP Pro (IE 6.x or later) , Pentium4 (2Ghz, 2G RAM), Video Card(256MB RAM, 1024x768)
Management Software	Supports 16, 32, 64, 128ch Management Software Full-featured PC NVR with matrix functionality
System Integration	[Protocol] HTTP, RTP/RTSP, TCP/IP, FTP, Telnet, RARP, PPPoE, SNMP, PAP, CHAP, DHCP, NTP, SMTP client, uPNP, and etc. [SDK] Open HTTP API / ActiveX for live cast with audio & PTZ [Service] Image upload / notification service / service for POS integration

Installation & maintenance	Configuration by installation wizard, HTTP, telnet and console. Upgrade firmware through HTTP, telnet & FTP
Misc.	Transmit serial input data with video Quick Time & VLC media player compatible
System hardware	32bit Embedded CPU / Embedded Linux / 128MByte SDRAM / 128MByte NAND Flash
Power	Power Supply - SMPS 12V (3A) [AC100~240V, 50/60Hz, 1.2A] Max. Power Consumption - DC12V, 14.4W
Approvals	IP66, KC, FCC, CE, RoHS
Dimension / Weight	235 Ø x 314(H) (in mm) About 5.5kg without power supply and bracket
External Interface	10/100-Base-T Ethernet (auto-sensing) 1 photo-coupled or 1 digital inputs (NC/NO selectable), 1 relay outputs 1 audio input / 1 audio output 1 serial ports (COM: RS-232) 1 Micro SD memory interface
Working Environment	Temperature: -40~50 ℃, Humidity: 10~90% RH
Image sensor	1/2.8" progressive scan CMOS Total number of pixels: 2096H×1561V=3.27M Pixel size : 2.5 (H) μm × 2.5 (V) μm Color filter Bayer arrangement of primary colors: R, G, B Bit number of internal ADC: 10/12 bits Parallel output: 37.125 MHz, 10/12 bits Maximum frame rate in all-pixel scan mode: 60/30 fps
Lens	Optical 20x(Digital 12x) 4.7-94mm(F1.6-3.5)\
Image Setting	Day & Night (Auto/B&W/Off) Auto WDR Auto White Balance Noise Filter (Off/On) Brightness/Contrast/Sharpness/AGC Gain Control Shutter (Manual/Auto) Sens Up Level Frequency Control (50/60)
Minimum illumination	0.00005 Lux
Options	Built-in PoE (IEEE 802.3at)

Dimensions



Accessory

