

Police IP Camera Solution



Pan/Tilt/Zoom Camera by Canon

Features

- 40x Optical Zoom with 56° Wide Angle Lens
- Progressive Scan CCD
- Smart Shade Control
- Image Stabilizer
- Exceptional Low Light Performance
- Auto Day / Night Capability

Camera Control and Functionality

- Pan/Tilt Control
- Motion Detection with Subject Auto-Tracking
- Image Upload and Email Notification
- Panorama Image Creation and Preset Tour

General

Image Sensor	1/4" CCD (primary color filter)
Effective Pixels	310,000
Synchronization	Internal
Scanning Method	Progressive
Minimum Illumination	Normal use
Day mode :	0.7 lux (F1.6, color, 1/30 sec.)
Night mode:	0.2 lux (F1.6, monochrome, 1/30 sec.)
	with Indoor dome housing VB-RD51S-S (smoked)
Day mode :	1.4 lux (F1.6, color, 1/30 sec.)
Night mode:	0.4 lux (F1.6, monochrome, 1/30 sec.)
Imaging Modes	Day Mode, Night Mode
Focusing	Auto / One-shot AF / Manual / Fixed focus at infinity (for dome use)
Length :	f=3.4 ~ 136mm
Aperture	Auto Iris
Lens	Focal Length: 3.4mm to 136mm
Zoom	40x Optical Zoom with AF (digital 4x)
Viewing Angle	Horizontal field of view : 55.8° (W) ~ 1.5 (T)
Vertical field of view :	43.3° (W) ~ 1.1 (T)
Pan Angle Range	340° (±170°)
Tilt Angle Range Upright:	115° (-25° ~ 90°)
Ceiling-mounted:	115° (-90° ~ 25°)

Camera Setting Adjustments

- Three Metering Modes
- Seven Levels of Exposure Compensation
- Shutter Priority Auto Exposure

Data Encoding and Transmission with DIGIC Net Processing

- Powerful DIGIC NET Processor
- Simultaneous Data Distribution
- Multi Streaming
- Recorded Stream Functionality
- Two-Way Audio (Full Duplex)
- IEEE 802.3af compliant Power over Ethernet (PoE)





Moving Speed	Pan: Max. 150°/sec.
Tilt:	Max. 150°/sec.
Infrared Cut Filter	Power-driven insertion / removal (in conjunction with switching Day mode - Night mode)
Night Mode	Yes
White Balance	Auto / One-shot / Preset / Manual
Operating System	Linux
Protocols	IPv4 TCP/IP, UDP, HTTP, FTP (server/ client), SNMP(MIB2)*,SMTP (client), DHCP (client), DNS (client), ARP, ICMP, POP3, NTP, SMTP authentication, WV-HTTP (from Canon)
	IPv6 TCP/IP, UDP, HTTP, FTP (server/client), HTP, SMTP (client), DNS (client), ARP, ICMPv6, POP3, NDP, NTP, SMTP authentication, WV-HTTP (from Canon)
	*SNMP (MIB2) is compliant with RFC1213
Video Compression Method	JPEG (Motion-JPEG for video) / MPEG-4 (Simultaneous distribution is available)
Video Compression Rate	NTSC: 0.1fps to 30fps
Sound Compression Method	G.711 μ -law (64kbps)
Output Image Size	FTP / HTTP / SMTP (e-mail)
Camera's buffer memory:	Max. approx. 6MB
Frame Rate:	Max. 10fps
Display Image Size	640 x 480, 320 x 240, 160 x 120
Multi- size image distribution	JPEG only
Server	HTTP, FTP, WebView Livescope SDK v2.2
Log Management	Syslog format
Camera Control	3 user levels available (Administrator / Authorized users / Anonymous users). Max. 50 user names and passwords can be registered.
Connection Restrictions	Access control (user name & password) / IP address restriction (IPv4) Restriction on the number of simultaneous client access
Network	LAN x 1 (RJ45, 100Base-TX (Auto / Full duplex / Half-duplex))
Display LED	Yes
Main Unit Interface	Network Terminal LAN x1 (RJ45, 100Base-TX (Auto / Full duplex / Half-duplex)) IEEE802af compliant
	Audio Input Terminal 3.5 monaural mini-jack connector LINE IN x 1 (for amplifier microphone) or MIC IN x 1 (for microphone w/o amplifier)
	Audio Output Terminal 3.5 monaural mini-jack connector LINE OUT x 1 (for amplifier speaker)
	External Device I/O Terminal, Input x 2, Output x 2
Dimensions	142 x 142 x 149 mm (5.59 x 5.59 x 5.87 inch) (W x D x H) Main unit only. Excluding rubber feet
Weight	approx. 840g (approx. 1.852 lbs.)
Operating Environment	Temperature: 14°F to 122°F, Humidity: 20 to 85%RH (no condensing)
Power PoE	PoE power supply via LAN connector (IEEE802.af compliant) AC Adapter: optional PA-V17 (100VAC) External Power Supply: 24VAC / 12VDC (using a supplied power connector *nonpolar)
Power Consumption	with PoE: Max. approx. 9W with optional AC Adapter PA-V17: Max. approx. 13W

Also available with Sony camera

****Custom configurations are available**

