VIVOTEK
BUILT WITH RELIABILITY
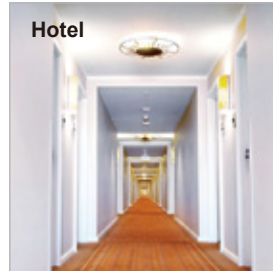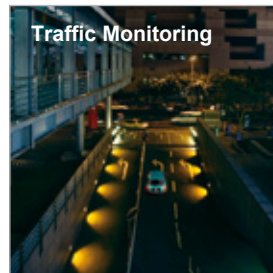
Mini-Box
Network Camera
IP8152/52-F4

1.3MP • Compact Size • Supreme Night Visibility

VIVOTEK IP8152/52-F4 features a brand new box camera design concept from VIVOTEK, with a compact size and a multitude of features. The small size makes it an easy to fit into different types of enclosures with different lens options, with the ability to fit a CS-mount lens making it a flexible solution for all types of surveillance. The Supreme Night Visibility features results in excellent video quality in low light environments; pairing with the built-in IR-cut filter further increase the range of visibility at night by allowing the use of IR illuminators. With all of these features and more, the camera is especially suitable for city surveillance, retail stores, government, industrial applications or hotel security.

The IP8152/52-F4 supports the industry-standard H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. Together with the ST7501 multi-lingual 32-channel recording software, users can set up an easy-to-use IP surveillance system with ease.

Features

- 1.3-Megapixel CMOS Sensor
- Compact Design
- Real-time H.264 and MJPEG Compression (Dual Codec)
- 30fps @ 1280x1024
- Supreme Night Visibility
- Two-way Audio
- Removable IR-cut Filter for Day and Night Function
- Built-in IEEE 802.3af Compliant PoE
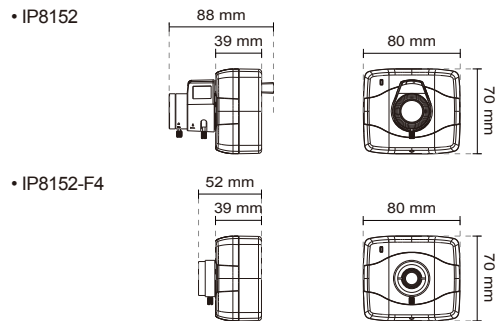- Built-in MicroSD/SDHC Card Slot for On-board Storage

Traffic Monitoring

Airport

Hotel

Industry

Technical Specifications

Models	IP8152 (Vari-focal) IP8152-F4 (Fixed-focal)

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	16 MB
RAM	256 MB

Camera Features

Image Sensor	1/3" Progressive CMOS
Maximum Resolution	1280x1024
Lens Type	Vari-focal (IP8152) Fixed-focal (IP8152-F4)
Focal Length	f = 3.3 ~ 12 mm (IP8152) f = 4 mm (IP8152-F4)
Aperture	F1.4 (wide), F2.4 (tele) (IP8152) F1.6 (IP8152-F4)
Auto-iris	DC-iris (IP8152) Fixed-iris (IP8152-F4)
Field of View	IP8152: 34° ~ 74° (horizontal) 25° ~ 60° (vertical) 40° ~ 95° (diagonal) IP8152-F4: 76° (horizontal) 60° (vertical) 99° (diagonal)
Shutter Time	1/15 sec. to 1/25,000 sec.
Day/Night	Removable IR-cut filter for day & night function
Minimum Illumination	IP8152: 0.11 Lux @ F1.4 (Color) 0.001 Lux @ F1.4 (B/W) IP8152-F4: 0.12 Lux @ F1.6 (Color) 0.001 Lux @ F1.6 (B/W)
Pan/tilt/zoom	ePTZ:
Functionalities	48x digital zoom (4x on IE plug-in, 12x built-in)
On-board Storage	Micro SD/SDHC/SDXC card slot

Video

Compression	H.264 & MJPEG
Maximum Frame Rate	H.264: 30 fps at 1280x1024 MJPEG: 30 fps at 1280x1024
Maximum Streams	2 simultaneous streams
S/N Ratio	Above 58 dB
Dynamic Range	67 dB
Video Streaming	Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving
Image Settings	Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks Scheduled profile settings

Audio

Audio Capability	Audio input/output (full duplex)
Compression	G.711
Interface	External microphone input External line output

Network

Users	Live viewing for up to 10 clients
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X
Interface	10Base-T/100 BaseTX Ethernet (RJ-45)
ONVIF	Supported, specification available at www.onvif.org

Intelligent Video

Video Motion Detection	Triple-window video motion detection

Alarm and Event

Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection
Alarm Events	Event notification using HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server

General

Connectors	RJ-45 for Network/PoE connection Audio input Audio output RS485*1 Digital input*1
LED Indicator	System power and status indicator
Power Input	IEEE 802.3af PoE Class 2
Power Consumption	Max. 3.4W
Dimensions	39mm (D) x 80mm (W) x 70mm (H) (Body only) 88mm (D) x 80mm (W) x 70mm (H) (IP8152) 52mm (D) x 80mm (W) x 70mm (H) (IP8152-F4)
Weight	176 g (Body only) 233 g (IP8152 with lens) 202 g (IP8152-F4 with lens)
Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick
Operating Temperature	0°C ~ 50°C
Warranty	24 months

System Requirements

Operating System	Microsoft Windows 7/Vista/XP/2000
Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7.x or 8.x
Other Players	VLC: 1.1.11 or above QuickTime: 7 or above

Included Accessories

CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Others	Quick installation guide, warranty card, lens, camera stand, screw pack

Dimensions

- IP8152

88 mm / 39 mm / 80 mm / 70 mm

- IP8152-F4

52 mm / 39 mm / 80 mm / 70 mm

Compatible Accessories

Mounting Kits

AE-211
Camera enclosure with blower

AE-232
Camera enclosure with heater and blower

AE-233
Camera enclosure with heater and blower (input AC 24V)

AE2000
Infrared illuminator enclosure

AE-151
Outdoor dome housing

PoE Kits

MS-POE-IJAF
PoE injector, 802.3af compliant

AE-101
Indoor camera enclosure with transparent cover

AE-102
Indoor camera enclosure with smoke cover

Lens

AL-231
2.8 ~ 12mm, F1.2, DC-iris

AE-131
Outdoor dome housing with transparent cover

AE-132
Outdoor dome housing with smoke cover

AL-234
5mm~50mm, F1.6, DC-iris

Distributed by:

Ver 1.0