SUPREME
A NEW DEFINITION OF HD

2MP · 1080P Full HD · Focus Assist · WDR Enhanced · SD/SDHC Card

System
- CPU: TI DM368 SoC
- Flash: 128MB
- RAM: 256MB
- Embedded OS: Linux 2.6

Lens
- CS-mount, vari-focal, f = 3.1 ~ 8 mm, F1.2, auto iris (IP8162)
- CS-mount, vari-focal, f = 3.1 ~ 8 mm, F1.2, P-iris (IP8162P)
- Removable IR-cut filter for day & night function

Angle of View
- 42.2°~105.4° (horizontal)
- 23.8°~57.9° (vertical)
- 48.3°~123.1° (diagonal)

Shutter Time
- 1/5 sec. to 1/32,000 sec.

Image Sensor
- 1/2.7" CMOS sensor in 1920 x 1080 resolution

Minimum Illumination
- 0.06 Lux / F1.2 (Color)
- 0.001 Lux / F1.2 (B/W)

Video
- Compression: H.264, MJPEG & MPEG-4
- Streaming:
  Multiple simultaneous streams
  H.264 streaming over UDP, TCP, HTTP or HTTPS
  MPEG-4 streaming over UDP, TCP, HTTP or HTTPS
  H.264/MPEG-4 multicast streaming
  MJPEG streaming over HTTP or HTTPS
- Supports activity adaptive streaming for dynamic frame rate control
- Supports video cropping for bandwidth saving
- Supports ePTZ for data efficiency
- Supports 3GPP mobile surveillance
- Frame rates:
  H.264:
  Up to 30 fps at 1280x720
  Up to 30 fps at 1920x1080
  MPEG-4:
  Up to 30 fps at 1280x720
  Up to 27 fps at 1920x1080
  MJPEG:
  Up to 30 fps at 1280x720
  Up to 30 fps at 1920x1080
- Interface:
  BNC connector for video output
  NTSC/PAL video output switch
  Focus assist button

Image Settings
- Adjustable image size, quality and bit rate
- Time stamp and text caption overlay
- Flip & mirror
- Configurable brightness, contrast, saturation, sharpness, white balance and exposure
- AGC, AWB, AES
- WDR enhanced
- Automatic, manual or scheduled day/night mode
- BLC (Backlight Compensation)
- Supports privacy masks

Audio
- Compression:
  GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps
  MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps
  G.711 audio encoding, bit rate: 64 kbps, µ-Law, or A-Law mode selectable
- Interface:
  Built-in microphone
  External microphone input
  Audio output
  External/Internal microphone switch
- Supports two-way audio
- Supports audio mute

Networking
- 10/100 Mbps Ethernet, RJ-45
- Onvif support
- Protocols: IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP and 802.1x

Alarm and Event Management
- Triple-window video motion detection
- Tamper detection
- One D/I and one D/O for external sensor and alarm
- Event notification using HTTP, SMTP or FTP
- Local recording of MP4 file

On-board Storage
- SD/SDHC card slot
- Stores snapshots and video clips

Security
- Multi-level user access with password protection
- IP address filtering
- HTTPS encrypted data transmission
- 802.1X port-based authentication for network protection

Users
- Live viewing for up to 10 clients

Weight
- IP8162P Net: 674 g (Without lens)

LED Indicator
- System power and status indicator
- System activity and network link indicator

Power
- 12V DC
- 24V AC
- Power consumption: Max. 4.92W
- 802.3af compliant Power-over-Ethernet (Class 3)

Approvals
- CE, LVD, FCC, VCCI, C-Tick, UL

Operating Environments
- Temperature: -10 ~ 50 °C (14 ~ 122 °F)
- Humidity: 90% RH

Viewing System Requirements
- OS: Microsoft Windows 7/Vista/XP/2000
- Browser: Mozilla Firefox, Internet Explorer 6.x or above
- Cell phone: 3GPP player
- Real Player: 10.5 or above
- Quick Time: 6.5 or above

Installation, Management, and Maintenance
- RS-485 interface for scanners, pan/tilts
- Installation Wizard 2
- 32-CH ST7501 recording software
- Supports firmware upgrade

Applications
- SDK available for application development and system integration

Warranty
- 36 months

Dimension
- 154 mm (D) x 72 mm (W) x 62 mm (H) (Without lens)

72 mm · 54 mm · 154 mm · 37 mm · 62 mm · 208 mm

Fixed Network Camera
IP8162/62P
2-megapixel • Full HD • Focus Assist • WDR Enhanced

VIVOTEK IP8162/62P are part of the SUPREME series product line offering 1080p HD resolution with superb image quality. The camera can capture a more comprehensive view than a standard VGA camera, significantly reducing the number of cameras required. It is especially suitable for monitoring wide open spaces such as building entrances, airports, or applications requiring accurate identification.

The IP8162/62P employ many advanced features to allow users to fully enjoy the high definition video. With high performance H.264/MPEG-4/MJPEG compression technology, the camera offers high-quality video in full HD @ 30fps with a minimum of bandwidth consumption. The Video Cropping feature allows a user to only transfer user-defined regions for viewing instead of an entire scene, which can also be used to optimize bandwidth and enhance storage efficiency. The ePTZ function enables users to zoom in and focus on a region of interest in the camera view with only a few clicks, providing an additional level of image enhancement.

Additional value-added functions that give users more flexibility and efficiency of use include WDR Enhancement, which allows users to identify image details in extremely bright and dark environments. The Focus Assist button can aid an installer to precisely adjust the camera. When pressing the Focus Assist button on the camera unit, an indicator will be displayed on screen with detailed focusing information, which will vary in accordance with the manual adjustment. Moreover, holding down the button will zoom in on the target area for fine tuning, resulting in better usability and picture clarity. The IP8162P model comes with an advanced P-Iris lens, which controls the iris opening with extreme precision at an optimal level at all times via the built-in stepper motor, resulting in superior sharpness and depth of field as well as image quality.

As with all VIVOTEK true day/night cameras, the IP8162/62P feature a removable IR-cut filter, maintaining clear images 24 hours a day. Together with WDR Enhancement, users can identify image details in extremely bright as well as dark environments. Also featuring a myriad of other high-end features such as SDHC card slot, PoE, multiple streams, and the included 32-CH recording software, the IP8162/62P is indisputably the top choice for reliable and high performance megapixel surveillance.

VIVOTEK
BUILT WITH RELIABILITY