## Day/night dome camera - 3 axes - vari-focal - H264 - 2MPixels

Dome camera for inside - Day/night - 2MPixels - 3 axis - H264, MPEG-4, MJPEG - 1600x1200@15ips - Lens vari-focal 3~9mm - leds 14~15 meters - 12VDC or PoE



**Manufacturer:** Vivotek
**Reference:** FD8161

**Price:** 859,10€

**Description:**

Datasheet FD8161 .PDF

**Description FD8161**

VIVOTEK FD8161 is a professional-series fixed dome network camera featuring superb megapixel image quality and exceptional bandwidth efficiency. It is especially suitable for wide open spaces such as building entrances and airports, or applications requiring accurate identification of human faces or license plate numbers.

Featuring a 2-megapixel sensor, this camera is able to provide extremely wide coverage with the finest details. With a field of view 6 times larger than a VGA camera, the FD8161 significantly reduces the number of cameras installed.

The FD8161 supports the latest in H.264 compression technology, drastically reducing file sizes by 90%. The cropping function removes unnecessary information and transmits only the designated image to optimize bandwidth and storage usage, and the ePTZ feature enables users to focus on close-up shots of different areas in the camera's view without moving the camera physically. Together with multiple streams which transmit individually configured video feeds simultaneously for viewing on different platforms, the FD8161 is able to meet a diverse set of

needs and bandwidth constraints.

The camera also comes equipped with a removable IR-cut filter and IR illuminators (15 meters) to provide great clarity and contrast 24 hours a day. Other advanced features include a PIR (Passive Infrared) sensor, a 3-axis mechanism for flexible instal- lation, 802.3af PoE, SD/SDHC card slot, tamper detection, and two-way audio.

With the included ST7501 32-CH central management software, the FD8161 is the ultimate camera for demanding environments.

2-megapixel CMOS Sensor 3 ~ 9 mm Vari-focal, Auto-iris Lens Removable IR-cut Filter for Day & Night Function Built-in IR Illuminators,

effective up to 15 Meters Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec) Multiple Simultaneous Streams ePTZ for Data

Efficiency Activity Adaptive Streaming for Dynamic Frame Rate Control 3-axis Mechanical Design for Ceiling/Wall Mount Installation Built-in PIR

Sensor for Human Detection Built-in 802.3af Compliant PoE Built-in SD/SDHC Card Slot for On-board Storage Recessed Design with Cable

Management for Clean Appearance Supports ONVIF Standard to Simplify Integration and Enhance Interoperability Lens f=3 ~ 9 mm
F 1.2 (wide)
F 2.1 (tele)
auto iris
Board lens

Removable IR-cut filter for day & night function Angle of View 31.7° ~ 93.0° (horizontal)

23.8° ~ 68.4° (vertical) Shutter Time 1/5 ~ 1/40,000 sec Image sensor 1/3.2" CMOS in 1600x1200 Resolution Minimum Illumination 0 Lux /

F1.2 ( IR LED on ) IR Illuminators Built-in IR illuminators, Effective up to 15 meter Video Compression: H.264, MPEG-4 & MJPEG
Streaming:
Simultaneous multiple streams
H.264 streaming over UDP, TCP, HTTP or HTTPS
H.264/MPEG-4 multicast streaming
MPEG-4 streaming over UDP, TCP, HTTP or HTTPS
MPEG-4 multicast streaming
MJPEG streaming over HTTP or HTTPS
Supports activity adaptive streaming for dynamic frame rate control
Supports video cropping for bandwidth efficiency
Supports ePTZ for data efficiency
Supports 3GPP mobile surveillance
Frame rates:
H.264: Up to 30 fps at 1280x720, Up to 15 fps at 1600x1200
MPEG-4: Up to 30 fps at 1280x720, Up to 15 fps at 1600x1200
MJPEG: Up to 30 fps at 1280x720
, Up to 15 fps at 1600x1200
Interface:
Audio/Video output

NTSC/PAL video output switch 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
Automatic, manual or scheduled day/night mode
Supports privacy masks

BLC (Backlight compensation) 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, ?-Law or A-Law
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
1 D/I & 1 D/O for external sensor and alarm
Event notification using HTTP, SMTP, or FTP
Local recording of MP4 files

Tamper Detection 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  10 clients on-line monitoring at the same time  Weight  Net: 697 g  LED Indicator
System power and status indicator

System activity and network link indicator  Power  12V DC

Power consumption: Max. 6.5 W  Approvals  CE   C-Tick   FCC   LVD   VCCI    Operating Environments  Temperature: 0 ~ 50 °C (32 ~ 122 °F )

Humidity: 90%  Viewing System Requirements  OS: Microsoft Windows 2000/XP/Vista/7
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  3-axis mechanism for flexible ceiling and wall mount installation
Camera angle adjustment:
Pan range: 350°
Tilt range: 85°
Rotate range: 350°
Installation Wizard 2
32-CH central management software

Supports firmware upgrade  Applications  SDK available for application development and system integration  Warranty  24 months  Dimensions  Ø:

155mm x 116 mm

[Link to the product](Link to the product)