

## 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 <u>H.264</u> 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 <u>ePTZ</u> feature enables users to focus on close-up shots of different areas in the camera's view without moving the camera physically. Together with <u>multiple streams</u> 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 <u>removable IR-cut filter</u> and IR illuminators (15 meters) to provide great clarity and contrast 24 hours a day. Other advanced features include a <u>PIR</u> (Passive Infrared) sensor, a 3-axis mechanism for flexible instal- lation, 802.3af <u>PoE</u>, 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