

GSM EDGE Camera

EDGE Camera - compact mobile surveillance and monitoring system for transmission of high resolution video and single images via GPRS/EDGE network, so even in places with no Internet connection available - ideal for remote surveillance and monitoring of temporary or distant sites or mobile assets. The images can be acquired automatically with programmable period and/or upon external triggers such as motion sensors or door contacts. The video and single images can be viewed on a PC or a handheld device, and can also be transmitted to FTP-server and/or by e-mail. The video and single images can be recorded on a local microSD card and later downloaded or reviewed via built-in Web server.



Main features:

- Video clip (desirable time duration) and/or single snapshot images
- JPEG and MPEG-4 compression
- Images can be saved on a local microSD card
- Lens can be selected according to user requirements and needs
- Built-in microphone for audio surveillance
- Built-in Web server for monitoring via standard browser
- Quad Band 850/900/1800/1900 MHz GPRS/EDGE network



Camera Application

- Vacation Homes
- Utility infrastructure
- Parking facilities
- Construction site monitoring
- Busses, railcars and trucks
- Aviation , aircraft security, weather conditions at the airport
- Ferryboats, dredges and other marine craft
- Special events and resorts
- Law enforcement graffiti, vandalism etc.
- Geology and forestry
- Oil and gas production
- Wildlife surveillance
- Pipeline monitoring and surveillance

SPECIFICATIONS

Image

- Image sensor: VGA(640/480 pixels)
- Image resolution:
 - VGA(640/480)
 - QVGA(320x240)
 - QQVGA(160x120)
- Image compression:
 - JPEG
 - MPEG-4
- Video clip (programmable time duration)and /or single snapshot
- Time stamping of the image

Image Transmission

- Image transmitting over GPRS/ EDGE network (850/900/1800/1900 MHz)
- Transmitting images to:
 - FTP – server
 - E-mail server
 - PC or PDA over WEB interface
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Transmission Control

- Transmitting and /or saving images on SD card:
 - at programmable time period
 - on external sensor activity (for example – PIR sensor, door contact..)
- Pre-alarm function (ability to transmit/ record video before sensor activity)
- Possibility to stop transfer/ record activity on external contact
- Image sending activation by unanswered call or by SMS
- SMS with alarm message on external sensor activity.

Recording

- On a local micro SD card
- Browsing of images recorded on micro SD card via built in Web server

Voice Function

- Ability to make an audio call and listen (without recording)

Security

- Security for administration / configuration; only authorized users are allowed (user name & password)
- Authorized users list -20 numbers

Configuration & Control

- Interfaces:
 - Built-in web-server
 - SMS
 - USB
- Firmware Update:
 - Built-in Web server
 - USB

Power Supply

- Mains adaptor :11.5v to 15.v DC
- power consumption : 2w

Temperature & Humidity

- Operation Temperature: 0'c to 50'c
- Relative Humidity : Maximum 80%
- Store & Transport condition
 - Temperature: -20'to 60'c
 - Relative Humidity : 5% to 95%

Other

- Dimensions (without lance):112x59x59mm
- Lighting control: relay contacts
- Backup battery
- Power source detection:
 - Mains indication & messaging
 - Low batter power detection & messaging
 - GSM operation's identification
 - GSM signal level measurement and display.