



MVC-100 GSM EDGE Camera

Get the live view without borders



Teltonika MVC-100 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 (640x480 pixels).
- Image resolution:
 - VGA (640x480)
 - QVGA (320x240)
 - QQVGA (160x120)
- Image compression:
 - JPEG
 - MPEG-4
- Video clip (programmable time duration) and/ or single snapshot
- Time stamping of the images

Image Transmission

- Image transmission over GPRS/ EDGE network (850/ 900/ 1800/ 1900 MHz).
- Transmitting images to:
 - FTP-server
 - e-mail server,
 - PC or PDA over WEB interface

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 microSD card
- Browsing of images recorded on microSD card via built-in Web server

Voice Function

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

Security

- Security for administration/ configuration: only authorised users are allowed (user name and password)
- Authorised 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 15V DC
- Power consumption: 2W

Temperatures & Humidity

- Operating temperature: 0°C to 50°C.
- Relative humidity: maximal 80%
- Store and transport conditions:
 - Temperature: -20° to 60° C.
 - Relative humidity 5% to 95%

Other

- Dimensions (without lens): 112x59x59 mm
- Lighting control: relay contacts
- Backup battery
- Power source detection:
 - Mains indication and messaging
 - Low battery power detection and messaging
- GSM operator's identification
- GSM signal level measurement and display