



AVANCAR-MVC-100 EDGE Camera

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 mini SD 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 micro SD 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
- ❖ Geology & Forestry
- ❖ Oil and Gas production
- ❖ Wildlife Surveillance
- ❖ Pipeline monitoring and surveillance

Specifications:

- ❖ Image Sensor : VGA(640x480 pixels)
- ❖ Image resolution :
 - VGA(640x480)
 - CIF(352x288)
 - QVGA(320x240)
 - QCIF(176x144)
- ❖ Image Compression : JPEG & MPEG-4
- ❖ Video clip (programmable time duration) and/or single snapshot

Time stamping of the images

TEMPERATURES & HUMIDITY

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

SECURITY

- ❖ Security for administration/configuration: only authorised users are allowed(User name and password)
- ❖ Authorised users list – 20 numbers

POWER SUPPLY

- ❖ Mains Adaptor: 11.5 V to 15 V DC
- ❖ Power Consumption: 2W



TRANSMISSION CONTROL

- ❖ Transmitting and/or saving images on SD card:
 - At programmable time period
 - On sensor activity (For example : PIR sensor, door contact...)
- ❖ Pre-alarm function(ability to transit/record video before sensor activity)
- ❖ Possibility to stop transfer/record activity on external contact

Image sending activation by unanswered call

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

Voice Function

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

RECORDING

- ❖ On a Local Micro SD Card
- ❖ Browsing of Images recorded on micro SD Card via built-in-Web server

CONFIGURATION & CONTROL

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



OTHER

- ❖ 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