



## IntelliCam GSM20



*The first outdoor camera that's able to send images by mobile phone network..!!*

**INTELLICAM GSM20** is a last generation device system produced by Intellisystem Technologies jointly with Telecom Italia and TIM Business, which integrates in one system an image camera device and a mobile phone transmission system for professional videosurveillance and remote monitoring applications. INTELLICAM GSM20 transmits MJPEG frames over a normal mobile phone network using a M2M SIM card, by this way it is possible to avoid all the limitation of normal infrastructure network, strongly dependent on a local telecommunication base station. INTELLICAM GSM20 is a fully customizable device system can be easy adapted to a range of remote control and emergency management applications. Thanks to its IP65 outdoor housing provided of a double thermal control system INTELLICAM GSM20 is suitable for adverse climatic conditions that prevues the heating for the low temperatures and the cooling for high temperatures exposure . Thanks to the powerful web technology software interface it is possible to setup all the functionalities as follows:

- **Passive functionality.** The device system acts as remote terminal with point to point connection. It is possible to connect any time to the INTELLICAM GSM20 by using a Dial Up connection; a Web interface allows to download the captured frames with customizable resolution and compression factor.

- **Active functionality.** INTELLICAM GSM20 is able to send captured frames to a remote control center by email or FTP . The first functionality is appropriate when the system should communicate with just one person. The second one can be used for transmitting images to a remote server in order to be broadcasted within any major user group.

INTELLICAM GSM20 is composed by two main devices: an image camera and a mobile phone transmission system.

### Image Camera Device

The Image Camera device is a compact and versatile system, easy to transport with built-in powerful high resolution CCD sensor with a MJPEG compression engine system full customizable in terms of compression factor and image resolution.

### Features:

- Integrated video server system management
- Easy configuration software with wizard assistance
- Standard lens C/CS-mount type with auto iris DC and Video Drive support
- Size and quality image options for Real-time performance
- One windows Built in Motion Detect in one windows.
- Customisable in terms of: percentage and sensitivity



MOTION DETECT ON CHIP



& MJPEG Compressor on Chip

- Developer kit for system integrator
- One relay output extension suitable for remote control application as to drive a PT positioning device or an ON/OFF actuator
- One input digital port extension for external sensor and alarm device
- RJ45 TCP/IP port for browser configuration
- RS 485 serial port for industrial application

### Technical specification:

#### Networking (Only for System Setup):

- Protocol: TCP/IP, HTTP, SMTP, FTP, Telnet, NTP, DNS e DHCP
- Ethernet 10 base T or 100 base T fast Ethernet auto negotiation
- Configurable bandwidth limits
- User's access restriction by user name and password account
- Demo account with limitation by administrator

### Video:

- MJPEG compression algorithm
- Image size and quality configuration by web software interface
- Colour and BW (black and white) image control
- Time stamp and text overlay



### Camera Specification:

- 1/3 inch colour CCD
- 1 Lux / F2.0 sensitivity
- ACG, AWB, AES
- Max resolution: 512 (H) X 582 (V) (PAL)
- Electronic shutter: 1/60 ~ 1/100.000 sec (NTSC/PAL)
- Standard resolution :
  - Up to 16 frames/min @ 176 x 144 pixel
  - Up to 8 frames/min @ 352 x 288 pixel
  - Up to 4 frames/min @ 704 x 576 pixel
- Dimension: 216,7mm(L) x 193,7mm(W) x 44.3mm(H)
- Weight: about 2Kg
- Full charge Power dissipation: about 15 W
- Power supply: 12V DC
- Temperature: 0-50 °C (32-122 °F)
- Humidity: max 95%RH

### Data Transmission System

Consist of a GSM/GPRS mobile phone module that delivers reliable digital data communications anywhere by using your local mobile phone network.

### Technical specifications:

- Dual-Band GSM 900/1800 Mhz
- Compatible with GSM phase 2/2+ specification
- Output Power: Class4 (2W) for EGSM900 and Class1 (1W) for GDM1800
- 9.6 kbps Full Duplex service rate



### INTELLICAM GSM20 base configuration:

- Camera system with 6mm standard lens
- Ip65 Outdoor camera housing with double temperature control system
- Power supply 12V DC
- GSM/GPRS Antenna with 2m data cable

**CERTIFICATION:** CE, FCC

### OPTION

- **INTELLICAM GSM20Plus:** include an On/Off load interface controller
- **INTELLICAM GSM20Palm:** include a PDA computer for remote access
- **INTELLICAM GSM20PalmPlus:** include the two previous options
- Upon request it is possible to install varifocal autoiris lens

In collaboration with...



<http://www.intellisystem.it>

