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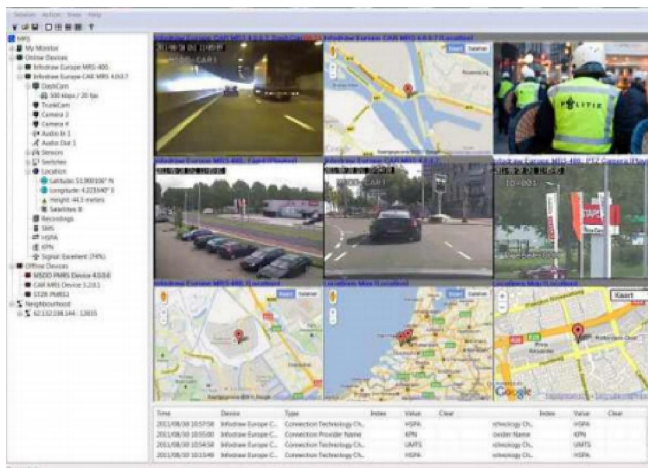
MSDD3G Wireless mobile video solutions

OVERVIEW

MSDD3G is a smart, small handheld, wearable streaming media system from the field over cellular network. It allows to stream video/audio/location live and monitoring video, audio and location over map anywhere upon alarm/request

Key features

- Handheld, wearable small form factor
- Real embedded system (desing for cellular network)
- Live video/audio/location streaming (low latency)
- Dual encoding (recording and streaming)
- Build-in cellular module (need only SIM)
- High performance DSP based CODEC (H.264)
- 1 analog video input CIF/D1
- 1 video over IP
- 1 audio over IP (2 ways)
- Built-in GPS receiver
- Monitoring video/voice and location map
- Tracking history over map
- Bit rate/Frame rate remote control
- Alarm push button
- Motion detection
- SMS send according to events
- Buit-in lithium battery (5 hours streaming)
- Very low power 0.5 Amp while streaming (5V)
- Buit-in 5V output to camera
- Local recording on flash media micro SD (SDHC)
- Recording on remote monitoring
- Web streaming using flash client
- Permission capability for different access level
- Upgrade firmware on the fly
- Small form factor
- Support standard WiFi through LAN interface
- Support iPhone and android phone clients



VIDEO	
Video input	2.5 mm video/audio/power
Video compression	H.264 Dual encoding (streaming/recording) CIF/D1
Bit rate	From 10 kbs to 2Mbps
Frame rate	Up to 25/30
PTZ control	Built-in RS485 (T+,T-)
AUDIO	
Audio input	Built-in microphone or Line in
Audio output	Line out
Audio compression	AAC
GSM	
GSM	Built-in HSPA/3G/EDGE/GPRS, LTE Optional (need only SIM)
Antenna	Built-in or external, depending on the model
Bandwidth control	Automatic
GPS	
GPS	Built-in
Antenna	External
ALARM BUTTON	
Push button	On surface
MEMORY	
Micro SD	Slot (max bit rate according to micro SD write speed) Up to 64 GB
I/O	
4 Input/4Output	Built-in Through cable interface Dry contact
POWER	
Power input	5V DC
Power consumption	500 mA while streaming
Battery Lithium	Built-in 4000mAh (5 hours streaming)
Power Output	5 V output to camera
ENVIRONMENT	
Temperature Input	-10°C + 60 °C
PHYSICAL	
Dimension	5 X 10 X 2.8 cm
Weight	170 gram
OTHER INTERFACES	
USB client	Built-in For Setup
RS-485	For PTZ Pelco D
Video/audio/power cable	Splitter cable with RCA or BNC; audio, 5V power
Audio in/out	Mic cable
LAN 10/100	Built-in Through cable interface
PROTOCOLS	
RTP/RTSP/SDP	Support also for WOWZA Media Server