

# InfoDraw

## Wireless Mobile Video Solutions

### Infodraw PMRS-110 Video Recorder and Cellular Transmitter

#### Overview

PMRS-110 is a compact media system. It can stream video, audio and location live over a cellular network. It can also record on a Micro-SD card, send text messages, generate dry contact and visual motion detection alarms.

#### Key Features

- Cellular communication: EDGE, UMTS, HSPA, LTE.
- Small form factor.
- Low latency.
- Dual encoding - recording and streaming.
- PTZ control using RS-485
- Records on a Micro SD card manually/automatically.
- 1 analog video input: PAL/NTSC.
- 2 way audio, internal microphone.
- GNSS receiver: GPS and GLONASS.
- Timer scheduled power-up.
- Live monitoring and control applications on Windows, iOS and Android.
- Location history tracking.
- Automatic bandwidth control.
- Alarm push button.
- Visual motion detection.
- SMS event notifications.
- Internal battery provided for up to 3 hours of operation.
- Power output to a 5v camera, up to 200mA.
- User access control in the server.
- Ethernet interface.



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### Technical Specifications

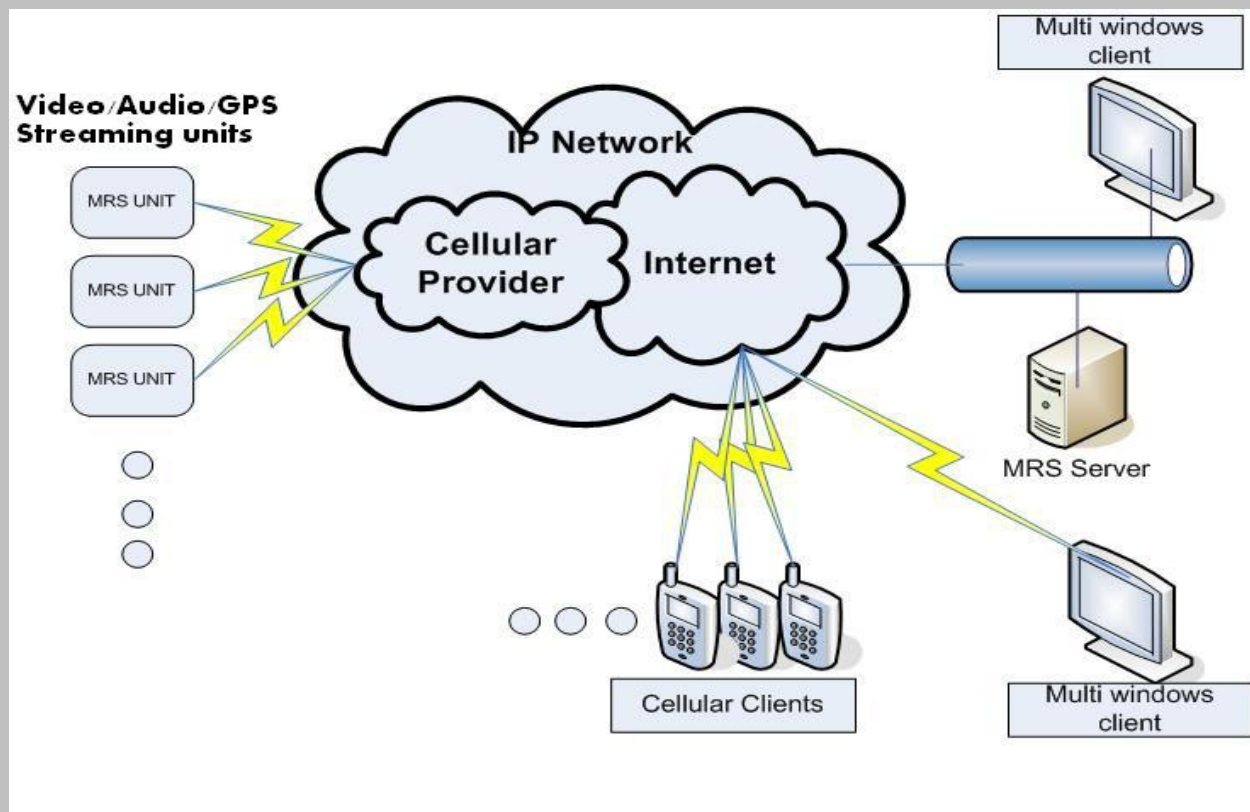
<b>Video</b>		
Video	2.5 mm video/audio/power 5v plug	PAL/NTSC
Video compression	H.264	
Bit rate	From 10kbs to 2Mbs	
Frame rate	Up to 25 fps (PAL) or 30 fps (NTSC)	
PTZ Control	RS-485 (T+, T-)	
<b>Audio</b>		
Audio Input	Internal or external microphone	
Audio output	HP out	
Audio compression	AAC	
<b>Cellular</b>		
Module	Internal, requires a SIM card.	EDGE, UMTS, HSPA, LTE
Antenna	External, provided.	
<b>GNSS</b>		
GNSS	Internal, supports GPS and GLONASS	Update every second.
Antenna	External, provided.	
<b>Alarm Button</b>		
Push button	On the side.	
<b>Memory</b>		
Micro SD/MMC	Not provided, required to record on unit.	FAT32 format.
<b>I/O</b>		
4 Input/4 output	Through cable interface	Dry contact
<b>Power</b>		
Power Input	5V	AC/DC to 5V adapters
Power consumption	500mA to 1A when ON + 1A charging.	
Battery Lithium	3800 mAh for up to 3 hours of operation.	
Power output	5v output to camera, up to 200mA	
<b>Environment</b>		
Temperature Input	-10 to +60 c	
<b>Physical</b>		
Dimensions	5 x 10 x 2.8 cm	
Weight	130 gr	
<b>Other Interfaces</b>		
USB client	Standard USB cable provided.	for configuration.
video/audio/power cable	Splitter cable RCA + 5V power provided.	
Earphone/mic cable	Not provided.	
Ethernet	10/100 Ethernet cable provided.	

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### PMRS-110 System Advantages:

- Compact unit.
- MRS Server architecture.
- Designed to handle changing bandwidth and packet delivery failure.
- Low latency.



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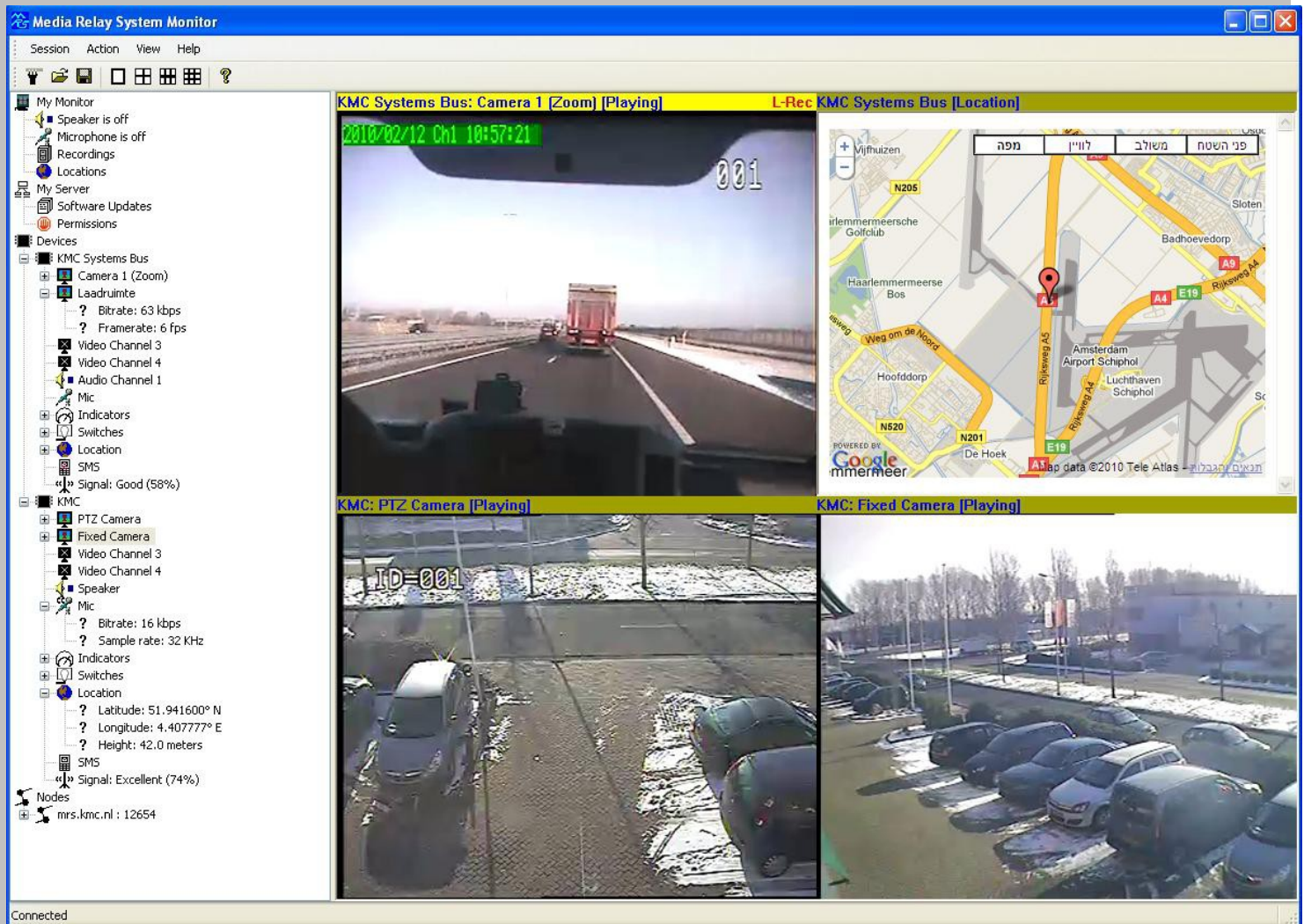


Figure 2- MRS Demo monitoring