



**CAMERIO RX504**

**CAMERIO RX504** is a robust video recording server designed for fleet security applications. By using the award-winning SMAC-M multi-streaming video compression technology, **CAMERIO RX504** delivers no compromise performance on simultaneous recording and transmission via mobile network.

**CAMERIO RX504** can continuously record videos of every single detail during the vehicle in service. By connecting **CAMERIO RX504** to a mobile data modem, the driver can push a button to trigger the **CAMERIO RX504** to send an alarm and seamless video back to the central monitoring station via mobile networks such as HSDPA, UMTS, EDGE or GPRS in an emergency situation. In conjunction to a WiFi gateway, the recorded data can be reviewed and extracted to the central storage server via a WiFi network after the vehicle returning back to the depot.

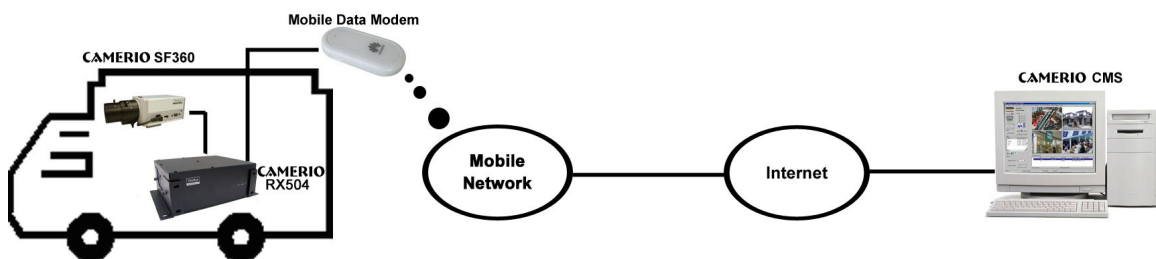
## Features

- 4 video, 16 alarm inputs; 4 relay outputs
- Recording up to 25/30fps on DI; 100/120fps on CIF resolution
- Live monitoring via HSDPA, UMTS, EDGE and GPRS (require mobile data modem)
- Playback and video extraction via WiFi (require WiFi gateway)
- Fast detachment and shock protection design

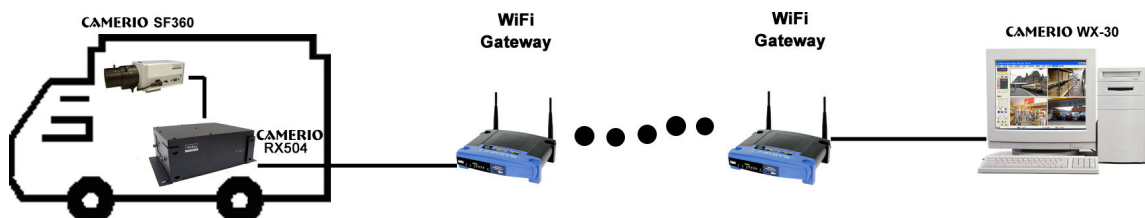


**Mobile Data Modem**

## Live video monitoring via mobile network



## Playback and video extraction via WiFi



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## Specifications

MODEL	RX504
<b>VIDEO INPUT</b>	
STANDARD	(P): PAL/CCIR, 625 lines, 25 frames per second (N): NTSC/EIA, 525 lines, 30 frames per second composite video, 1 Vp-p, BNC
NO. OF CHANNELS	4
<b>VIDEO OUTPUT</b>	
STANDARD	(P): PAL/CCIR, 625 lines, 25 frames per second (N): NTSC/EIA, 525 lines, 30 frames per second composite video, 1 Vp-p, BNC
NO. OF CHANNELS	1
DISPLAY SCREEN	Full, Quad
DISPLAY FRAME RATE	25/30fps DI, 100/120fps CIF
<b>RECORDING</b>	
MODE	Manual, event-driven
HD TYPE	2.5 Inch IDE interface
MAX. RECORDING RATE	(P) : 25fps at 720 X 576 pixels; 100fps at 360 X 288 pixels (N) : 30fps at 720 X 480 pixels; 120fps at 360 X 240 pixels
PLAYBACK	Forward, Backward, Pause, Step Forward, Step Backward, x10 Fast Forward, x100 Fast Forward
<b>COMMUNICATION</b>	
NETWORK	RJ-45, 10/100 Base-T Ethernet (auto-sensing)
MAX. TRANSMISSION FRAME RATE	25/30fps DI, 50/60fps CIF
VIDEO COMPRESSION	SMAC-M
USB	USB 2.0, 12Mbps
WIRELESS COMMUNICATION	HSDPA, UMTS, EDGE, GPRS, IEEE 802.11b / 802.11g
<b>EVENT HANDLING</b>	
EVENT TYPE	External alarm, tamper, video motion detection, video loss, disk full, power interruption, system fail, disk usage, overheat
ACTION TYPE	Live camera, buzzer, dial back, recording, relay control, PTZ, email notification, SMS
EXTERNAL ALARM INPUTS	16 x NC/NO
<b>RELAY SWITCH</b>	
NO. OF CHANNELS	4
MAX. RATING	24V AC, 1000mA
<b>POWER</b>	
VOLTAGE	10-24V DC (12V typical)
MAX. RATING	15W
<b>OPERATING ENVIRONMENT</b>	
AMBIENT TEMPERATURE	5°C - 40°C
RELATIVE HUMIDITY	< 85% (no condensation)
<b>MECHANICAL DESIGN</b>	
DIMENSION	295mm (L) x 227mm(W) x 100mm (H)
NET WEIGHT	2.68kg



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