TeleEye

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

TeleEye RX504 can continuously record videos of every single detail during the vehicle in service. By connecting TeleEye RX504 to a mobile data modem, the driver can push a button to trigger the TeleEye RX504 to send an alarm and seamless video back to the central monitoring station via mobile networks such as HSPA, 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.
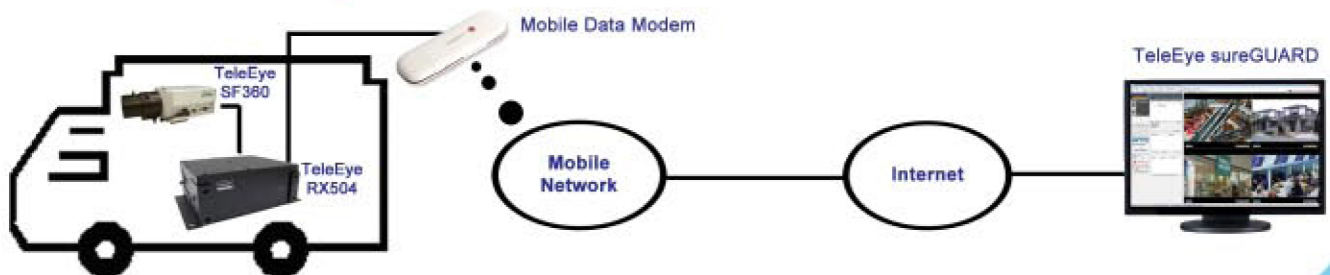
Powered by

SMAC-M
MULTI-STREAM VIDEO

Features

• 4 video, 16 alarm inputs; 4 relay outputs

• Recording up to 25/30fps on D1; 100/120fps on CIF resolution

• Live monitoring via HSPA, 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

Transportation Security

Fleet Management

Unmanned Site Management

Construction Site Management

Specifications

MODEL		RX504
VIDEO INPUT		
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
VIDEO OUTPUT		
STANDARD		(P): PAL/CCIR, 625 lines, 25 frames per second (N): NTSC/EIA, 525 lines, 30 frames per second
OUTPUT	COMPOSITE	composite video, 1 Vp-p, BNC
	CHANNELS	1 composite
DISPLAY SCREEN		Full, Quad
DISPLAY FRAME RATE		25/30fps D1, 100/120fps CIF
RECORDING		
MODE		Manual, schedule, event-driven
HDD TYPE		2.5 Inch SATA 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, x25 Fast Forward
COMMUNICATION		
NETWORK		RJ-45, 10/100 Base-T Ethernet (auto-sensing)
MAX. TRANSMISSION FRAME RATE		25/30fps D1, 100/120fps CIF
VIDEO COMPRESSION		SMAC-M
USB		USB 2.0
WIRELESS COMMUNICATION		HSPA, UMTS, EDGE, GPRS, IEEE 802.11b / 802.11g
AUDIO		
INPUT		2 channels, RCA, line level; input impedance: 30k, frequency: 200-3500Hz
OUTPUT		PA / output: 1 channel, RCA, line level; output impedance: 600, frequency: 200-3500Hz
EVENT HANDLING		
EVENT TYPE		External alarm, tamper, video motion detection, video loss, disk full, power interruption, system fail, disk usage
ACTION TYPE		Live camera, buzzer, dial back, recording, relay control, PTZ, email notification
EXTERNAL ALARM INPUTS		16 x NC/NO
RELAY SWITCH		
NO. OF CHANNELS		4
MAX. RATING		24V AC, 1000mA
POWER		
VOLTAGE		12V DC
MAX. RATING		25W
OPERATING ENVIRONMENT		
AMBIENT TEMPERATURE		5°C - 40°C
RELATIVE HUMIDITY		< 85% (no condensation)
MECHANICAL DESIGN		
DIMENSION		295mm (L) x 227mm(W) x 100mm (H)
NET WEIGHT		2.4kg