



## Mobile Video Patroller System



### CPU & Platform

**Processor:** Intel® Core™ 2 Duo T8100, 2.1 GHz

**Memory-** 3GB DDR2 667 (PC2 5300)



**Storage:** 66GB, 120, or 250 GB Solid-State Drive (SSD)

**Platform:** Support Intel Core 2 Duo Mobile CPU with DDRII SO-DIMM, CRT, LVDS, DVI, Gigabit LAN, PCI slot, 1394, Mini PCI, 7.1 Channel HD Audio, RS232/422/485 port, Serial ATAII, IDE and Compact Flash socket.

**External I/O ports:** 1 x PS/2 Keyboard/Mouse Port, 2 x RJ45 LAN ports, 1 x DB15 VGA port, 5 x USB 2.0 ports, 2 x IEEE1394 port, 1 x RS232 port , 7.1 Channel Audio Output, 1 x SPDIF connector

**Hardware dimensions:** (w x h x d), 7" x 7 3/4" x 3"

**Operating Temp:** 32°- 140°F

**Storage temp:** -5° - 183°F

### Video

**Main Camera-** Sony 1/3" 18x ExView w/ HAD CCD

**Dimensions:** 2 1/8 x 2 3/8 x 3 1/2, weight: 8.1 oz

**Power:** 12V

**Resolution:** 480TV lines

**Lux:** 0.7 lux F1.4, 1/60 S; 0.1 lux F1.4, 1/4 S; 0.01 lux or less F1.4, 1/4 S.

**Zoom:** 216x

**Optical Zoom:** 18x

**Auto and Manual Focus:** -3 to +28 dB, 2dB steps

**Frame rate:** 30 Frames/sec



**Backseat Camera**- Sony 1/3" High-Res Super HAD CCD

550 TV lines

**LUX:** 0.0, 12 IR LEDs

**Power:** 12V

**Dimensions:** 3.23" x 1.89" 2.19", Weight: 6oz

**Visibility range:** 33 ft.



Audio - 2.4GHz Wireless audio tx and rx/docking station

**Body pack Transmitter**

**Battery:** Internal Li-ion 3.7V/1300mAh cell

**Battery Life:** 8 hours In Use with full charge

14 days Standby

**Battery Recharge Time:** 3.5 hours from full discharge

**Antenna:** Internal

**2.5mm Mic Connector :** Tip, Signal, Sleeve, Ground

Secondary Microphone Internal

**RF Output:** 30 ~ 40 mW (typical)

**Dimensions:** 2.5 in. x 1.8 in. x 0.94 in.

**Weight:** 74 g



**Receiver/ Docking station/ Charger**

**RF Specifications:** Frequency Range: 2.4GHz

**Number of Channels:** 40 possible

**Diversity:** Internal antenna

**Receiver Type:** DSSS

**RF Sensitivity:** -102 +/-3 dBm(I,Q signal level at -3dB point))



**FCC type acceptance:** Approved under Part 15

Audio Specifications:

**Frequency Response:** 150 ~ 3400Hz +/- 3 dB

**Audio Output Level:** 3.6Vp-p

**Distortion:** Less than 1%

**Signal to Noise Ratio:** > 40 dB

**Dynamic Range:** > 50 dB

General Specifications:

**Range:** 800 feet typical

**Power Supply:** External 12 VDC

**Current Draw:** 190mA Typical

**Size:** 2.75in x 2.99in x 3.15in

**Weight:** 233 g