



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