



Photo Lidar 1998 General Specifications:

TRAFFIC MANAGEMENT SYSTEMS

Imaging Cameras:

System supports: NTSC, PAL, RS-170, Analog RGB, S-Video

1. JVC RGB Camera 1/2" CCD
2. Digital NTSC Color 1/3" CCD
3. Digital NTSC Color/IR 1/3" CCD

Resolution

NTSC: 580 horizontal, 520 vertical

RGB: 640 horizontal, 520 vertical

Sensitivity

0.25 to 1 LUX low noise, depends on Camera used and Mode.

Other Standard Camera Controls and Features:

Automatic Gain Control, Auto Iris Control, Auto-Iris Lenses, Fixed or Auto/Fixed Shutter Control. On Screen Color, Tint, Contrast, Brightness, Sharpness Controls. Auto Camera Switching, Remote Zoom Control, 1/4-20 Threaded Mounting Holes

Lenses:

F:1.2, 12.5 ~ 75mm Glass, Coated, C-Mount, Remote Zoom, Auto Iris/Manual Iris

System Power Mobile:

12VDC, And 120VAC Inverter

System Power Base:

120VAC

Operating Temperature:

-30°F to +140°F (-34°C to +60°C)

Humidity:

Fair Weather, Up to 90% relative humidity

Altitude:

Up to 10,000 feet (3,300 m)

Lidar:

Applied Concepts, Stalker™. Auto and Manual Self Test, HUD Red Dot Aiming. Software Upgradable, Speed Measurement ± 1 to ± 299 mph, (± 1.6 kph to ± 481 kph), Range 5 to 1000 Feet, .33 Sec Acquisition Time, 3 Milliradians Beam Divergence, FDA/CDRH Class 1 Laser Device (Rated Eye Safe), RS232 Output, ~110 Readings Speed/Distance per second after lockup..

Mobile Computer:

Pentium II, 233+ M, w/32M DRAM, SparQ, 1G, CD ROM, 4.3 G HD, 2- RS 232, Parallel Port

Base Computer:

Pentium II, 350+ M, w/128M DRAM, CD ROM, 9+G HD, 2- RS 232, Parallel Port, IR Keyboard and Mouse. 120VAC

Mobile Display:

0 ~1000 NIT TFT, 10.4" SVGA, Touch Screen Available in Feb. '99. Front panel Contrast and Brightness Control, On/Off, 11 ~ 15VDC

Base Display:

17 Inch SVGA .26 Pitch or better. NEC or Similar. 120VAC

Base Printers(2):

HP 890CE or Equiv., HP 600 Laserjet or Equiv. - Pro Series. 120VAC

EMI Emissions:

Complies with FCC rules, Part 15, Subpart J, for Class A devices.

Software: Auto-Trax™:

Windows95 Operating Multiple Citations, Reports, Graphs, Demographics, Full Tracking and Court Support, All digital Images, Security, Bar-code Input, Plus Many Many Extras

Encryption and Compression:

Proprietary

Lighting:

12VDC Daylight Strobe, up to 400WS, Infrared Incandescent

Mounting Brackets and Hardware:

Aluminum, Stainless and PVC

Options:

Bar-code Reader, Infrared Cameras, Infrared Lighting, 24 Hour VHS Video Taping, Remote Tripod, Cabling, Additional DC Filtering/Charging and 12 Volt Battery. RGB Cameras, and Remote Focus, Zoom to 90mm Lenses. 10/100 T Network Boards, Touch Screen For Mobile

Lease, Rental, Lease/Purchase

12 to 48 Months available.

Warranty: Limited, One Year.