

RoadRecorder® 6000 Mobile Digital Video Recorder



The RoadRecorder® 6000 is a mobile digital video recorder designed to withstand the rigorous conditions of the mass transit bus and railway environment. The system records at a rate of 30 frames per second and can support up to ten color or black and white cameras.

Enhance Security and Minimize Risk

The RoadRecorder 6000 is part of a mobile surveillance system that records video and audio data helping you deter vandalism and enhance passenger safety. Conveniently retrieve your data by removing the removable hard drive canister.

Continuous Recording

The recorder accommodates up to a 120 GB mobile-rated hard drive and uses an encrypted data compression format for optimum security and video integrity. As available disk space fills, new information writes over the old information in a continuous loop.

Features

- System records at 30 frames per second on a single camera and up to a combined rate of 24 frames per second when multiple cameras are added
- Records data on a mobile-rated removable hard drive canister using a secure digital encryption format to prevent tampering of video data
- The recorder can hold up to 20 programmable events with the user selecting the length of time the event is saved before being erased
- Video management software enables you to view, search and manage video files



SPECIFICATIONS

RoadRecorder® 6000

Video Resolution	720 x 480 pixels
Frame Rate	30 fps
Camera Inputs	Up to 10 NTSC, 1 V PP
Analog Sensor Inputs	Up to 8
Monitor Output	1 NTSC
Audio	16-bit
Operating Shock	20 G (11 ms)
Continuous Vibration	1.4 G (10 Hz ~ 500 Hz)
Power Requirement	9 ~ 36 VDC
Operating Temperature	-40°F ~ 149°F (-40°C ~ 65°C)
Dimensions (w x h x d)	7 in. x 4.5 in. x 9 in. (177.8 mm x 114.3 mm x 228.6 mm)
Weight	9.5 lbs. (4.3 kg)

Wedge Camera

Image Sensor	1/3-inch interline CCD
Signal Format	NTSC (color) EIA RS-170A (black and white)
Lens Focal Length Options	2.3 / 2.7 / 4 / 6 / 8 / 16 mm
Picture Elements	768 x 494
Sync System	Internal
Horizontal Resolution	480 TV lines (color) 570 TV lines (black and white)
Minimum Illumination	0.1 lux (color) 1 lux (black and white)
Signal-to-Noise Ratio	56dB (color) 48dB (black and white)
Power Requirement	10 - 12 VDC
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Dimensions (w x h x d)	4 in. x 3 in. x 4 in. (101.6 mm x 76.2 mm x 101.6 mm)

Exterior Wedge Camera

Image Sensor	1/3-inch interline CCD
Signal Format	NTSC
Lens Focal Length Options	2.3 / 2.7 / 4 / 6 / 8 / 16 mm
Picture Elements	768 x 494
Sync System	Internal
Horizontal Resolution	480 TV lines (color) 570 TV lines (black and white)
Minimum Illumination	0.1 lux (color) 1 lux (black and white)
Signal-to-Noise Ratio	56dB (color) 48dB (black and white)
Power Requirement	10 - 12 VDC
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Dimensions (w x h x d)	4.2 in. x 3.1 in. x 4.7 in. (106.7 mm x 78.7 mm x 119.4 mm)
Weight	1.3 lbs. (.59 kg)

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Removable hard drive reader

Optional Accessories



Wedge and dome cameras (SV-640 Series)



CORPORATE HEADQUARTERS

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Mobile video solutions for enhanced safety