



Access Control Point Under Vehicle Surveillance System (UVSS), Fixed, Type I

P/N ACPUVSSFIXED500.1

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SIGCOM's Fixed Access Control Point Under Vehicle Surveillance System, Type I provides users with an easy method of accurately scanning, monitoring, and digitally recording the entire width of a vehicle's undersides. The easily configurable system permits any camera / light module combination of up to a maximum of 20 modules. SIGCOM's base solution includes a configuration of four cameras and four light modules. Additional light and camera modules can be purchased as options.

The heavy duty steel inspection ramp that houses the light and camera modules measures 2690 mm long by 304 mm wide by 70 mm high and can support a weight of 48 tons. Since the camera and light modules are not located on the approach side of the inspection ramp, the possibility of damage during initial impact of the vehicle is greatly reduced. The modules are further protected by a 4-mm waterproof, scratch-proof lens that prevents rain, dirt and debris from accumulating. Appropriate power supplies and cables are included with each scanner assembly.

With the customer in mind, the system is designed so that tools and screws are not required to install, adjust, or replace the camera and light modules. Modules can be easily changed or replaced in minutes, keeping downtime to a minimum.

To facilitate monitoring, a robust Personal Computer mounted in a tower case is at the heart of the system. The computer is equipped with a four-channel video capture card, recording software, flash cards, Asus PC4800E motherboard, 1-GB DDR RAM, GeForce 6200 8X AGP Video Card, a Seagate 80 GB SATA Hard Drive with a Seagate 260GB SATA Hard Drive as backup, and a built-in 1-GB Network Interface Card (NIC). Furthermore, a 15-inch Flat Panel Liquid Crystal Display (LCD) Monitor is provided for easy viewing, while a mouse and keyboard are provided for control.

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Basic Package: P/N ACPUVSSFIXED500.1

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Option: P/N ACPUVSSFT1ADDCAM500.1

Additional Camera Module

Option: P/N ACPUVSSFT1ADDLED500.1

Additional LED Light Module

Option: P/N ACPUVSSLPR500.1

License Plate Reader (LPR) System

The Access Control Point Under Vehicle Surveillance Systems can be further enhanced by adding SIGCOM's optional License Plate Reader (LPR) System. The LPR System was designed to provide users with a simple way to obtain the license plate numbers of vehicles for verification and security purposes. The system has been proven to handle traffic speeds of up to 50 mph with recognition of 2 to 3 vehicles per second and lane widths of 1.7 meters for average US license plates.

The LPR System includes two Infrared Cameras and two Auto-Iris visible color cameras, all of which can function up to 75 meters away from the control PC. The combination of the different types of cameras ensures accurate readability whether it is day or night.

The system is completed with appropriate camera power supplies, a frame grabber, I/O cards, and a sensing loop. The robust software can handle up to six contiguous lanes of traffic when additional cameras are purchased.

Option: P/N ACPUVSSLPR500.1

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