



VRS DR200d IMAGING UNIT

Hi Speed Solution for Safe City, Enforcement and Traffic Management

VRS-DR200d high speed imaging unit is a 2.3MP CMOS Global shutter camera with customized illumination for optimum LPR performance in low light and all weather conditions, for essential security, general enforcement, and Commercial Vehicle Enforcement.

VRS-DR200 enable users to increase the value and efficiency of their logistic and security processes with robust applications, backed by state of the art hardware and patented software applications.

Proven technology

The highly reliable VRS-DR200d unit features state-of-the-art hardware along with powerful patented PC-based HTS license plate recognition (LPR), vehicle identify recognition (VIR) and VRS-SeeControl management software. The hardware is optimized specifically for high performance with HTS software applications. For maximum effectiveness, the VRS-DR200 should be implemented with the VRS Lane Controller, specifically engineered for optimum accuracy, confidence and vehicle recognition solutions.

HTS Imaging Units and value added HTS solutions are proven in over 40 countries worldwide, including the 50 states of the United States. The sophisticated VIR Software Suite enables users to perform a number of valuable tasks on one system including: Vehicle make, Speed, Plate switching, state or country jurisdiction, and of course License Plate Recognition.

Versatile integration

The VRS-DR200 IP connectivity supports a distributed network of VRS-DR200 imaging units over large single and multi-site applications. The VRS-DR200 unit is controlled by a locally mounted HTS VRS lane controller, or the unit can be managed remotely.

Up to 4 units can interface simultaneously to a single VRS Lane Controller for maximum efficiency, performance and cost-effectiveness.

Simple management

The feature rich VRS-SeeControl management system provides easy and flexible integration, installation and configuration, as well as valuable reporting, informative statistics and robust monitoring, along with powerful event and alarm management. It is fully web-enabled, supporting these functions from any standard browser.

Hardware features

- Rugged 2.3M camera for 24/7 operation
- Vandal proof IP66 housing for outdoor or indoor applications
- Infrared, white or yellow illumination for all environments and license plate types
- All weather conditions (-40°C - 60°C)

Software features

- Supports vehicle speeds up to 250 km/hour (155 miles/hour)
- Provides alerts in multiple message formats
- Features hardware and software (VMD) triggering capabilities
- Integrates via simple and friendly API based on Windows WCF and XML

Specifications

Camera	
Sensor Type	1/1.2" CMOS Global shutter, 2.3 M pixel, B&W
Lens	Standard: Fixed 35mm, 50mm, 75mm, 100mm
Active Pixels	2048 (H) x 1088 (V)
Frame rate	Up to 39 fps
Working distance	Up to 50 m (165 ft.)

Built in Illumination	
Built in illumination	Near Infra-Red (730nm, 850 nm, 950nm) Or: Warm White
Illumination Quantity	24 Powerful LEDs;
Auxiliary Illumination unit (Option)	L200 (48 LEDs)
Filter	Narrow band IR filter installed on Lens

Mechanical and Environmental	
Dimensions	425(L) x 160(W) x 165 (H) mm 17 (L) x 6 (W) x 6.5(H) in
Weight	4.5 Kg (10 Lbs) Including mounting bracket
IP rating	IP66
Case	Vandal Proof die cast aluminum
Connectors	RJ-45, Power & alarm I/O terminal block
Operating temperature	-40°C to +60° C (-40F to 140 F)
Power requirement	28VDC, 24VAC (for hi powered IR use cases), 20-40W (illumination dependent)
Adjustment Angles	3 (up/down, right/left, rotation)
Mounting bracket	Pole mount, Gantry mount, Full cable management

Safety and Regulatory Compliance	
Quality	ISO 9001-2008
CE regulation	YES