

ENTRANCE MANAGEMENT SYSTEMS

VV-VM1100UV-D10

UNDER VEHICLE SURVEILLANCE SYSTEM- 4K WITH FOD



FEATURES

Area scan sensor generate high resolution image with low distortion

4K full HD color image output up to 10,000x4096 pixels

Real time image display of chassis / under-carriage in the management system

Support vehicles with different height of chassis, no limitation for vehicle length

Embedded bi-directional triggers, support bi-directional scan

Support high vehicle speed, up to 100km/h

IP68 rated weather proof scanning flush-mount UVSS unit

Management software package for UVSS

Simultaneous monitoring & recording of images of multiple areas with up to 4 additional IPC channels

TECHNICAL SPECIFICATIONS

VV-VM1100UV-D10

License Plate Recognition Camera	Sensor	1/2.8 inch CMOS	
	License Plate Authentication	Capture license plate, optional white-list & black-list classification	
	Resolution	1920 x 1080	
	Video Codec	H264, H265	
	Image Codec	JPEG	
	De-Noise	3DNR	
	Dynamic Range	96db	
	Aperture	Fixed	
	Capture Rate	> 99.5%	
	Power Consumption	< 24W	
	Working Temperature	-10°C - 50°C	
	Protection Level	IP65	
Server	CPU	Intel® Core I7 with the latest gen	
	Memory	Minimum 8GB	
	Graphics	Intel® gen 5.0 integrated graphics engine	
	Hard Disk	SDD with 1 TB SATA hard disk x 2 (extendable)	
	LAN	2x 10/100/1000 RJ45	
	USB	USB 2.0 (up to 4 pieces)	
	Monitor	22 inch LCD, resolution up to 1920x1080	
	Scene Video Record	4-channel, compression	
	Video Compression	H.264	
	Work Station Console	Available (optional)	
	Controller	Vehicle Detector (Input)	2 channels (induction coil)
Detector Sensitivity		4 level	
Output		1 channel switch type DC12V	
POE		8 ports 10/100/1000M RJ45	
POE Standard		IEEE802.3af/at	
External Trigger		2 channel	
Scanner Connector		1 set	
Communication		1 port Ethernet 10/100/1000M RJ45	
Power Supply		AC 220V	
Working Temperature		-10°C - 50°C	
Dimension		263mm x 150mm x 78mm	
Weight		2kg	
Under Vehicle Scanner		Sensor	8MP CMOS sensor, area scan 1000 fps
		Scan Output	Line Scan or Area scan or Line/area dual output
	Area Scan Speed	Forward: 0 - 100 km/h, Backward: 0 - 25 km/h	
	Height Limit	50 - 2000 mm	
	Width Limit	< 4500 mm	
	Length Limit	No limit	
	View Angle	> 180°	
	Resolution	> 10,000 x 4096 pixels 4K HD video output	
	Illumination	LED 24,000 lumens	
	Capture Rate	> 99.9%	
	Imaging Time	Real time	
	Intelligent Alarm	Alerts for foreign objects detected in the scan image of under carriage, chassis (supported optional)	



TECHNICAL SPECIFICATIONS

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Under Vehicle Scanner	Auto Exposure	Supported
	Protector Material	304 stainless steel
	Load Bearing	60 tones (vehicle weight)
	Above Ground	3 CM
	Protection Level	IP68
	Power Supply	DC24V, 6A
	Power Consumption	150W
	Dimension	1200mm x 300mm x 75mm
	Weight	27kg

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Weights and measurements are approximate and may vary.

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