Features

Vehicles drive over the embedded scanning units while Motwane's Linear UVSS which compile high-resolution images of a vehicle's undercarriage to create the vehicle's "fingerprint." It's easy to see any threatening objects that may be hidden on top of an axel or crossbeam.

- ✓ Auto digital line scan, high-resolution undercarriage imaging.
- ✓ Decision Response Time: 2-3 seconds
- ✓ Applicable to variety of vehicles, wide vision
- ✓ Test will be completed during the vehicle maneuvers without stopping, adapted to different speed.
- ✓ Undercarriage image can be stored, retrieved, searched or compared with other images.
- ✓ Whole image display ion monitor, can zoom, playback, sign in the images, stretching and cutting, etc
- ✓ Multi entrance management model, and statistics of entering and exiting vehicles.
- ✓ Flexible detection process can be made on site to satisfy the needs of various work conditions.
- ✓ Image monitoring, video recording for different scenario

LINEAR SCAN UVSS

SPEED   ECO   SERVICE   C€   IP

Motwane's Linear Scan UVSS is a solution for the fully identification of threats or modifications to a vehicle's undercarriage. It is used for Vehicle security control at the entrance & to see what's hidden under the vehicle. It greatly improves the safety inspection speed and accuracy of vehicles, and reduces investment in human resources.

Built for you:

- No need to park vehicle, can bear speed below 30km/h
- Time of image display after scan <1s
- Image automatic save and automatic delete when hard disk is full
- Time of image saving or loading:<1s

THE IDEAL SOLUTION FOR

IT Parks   Airports   Comercial Complex   Museum

ACCESS CONTROL

Our products offer simple and easy integration with various Access control systems.
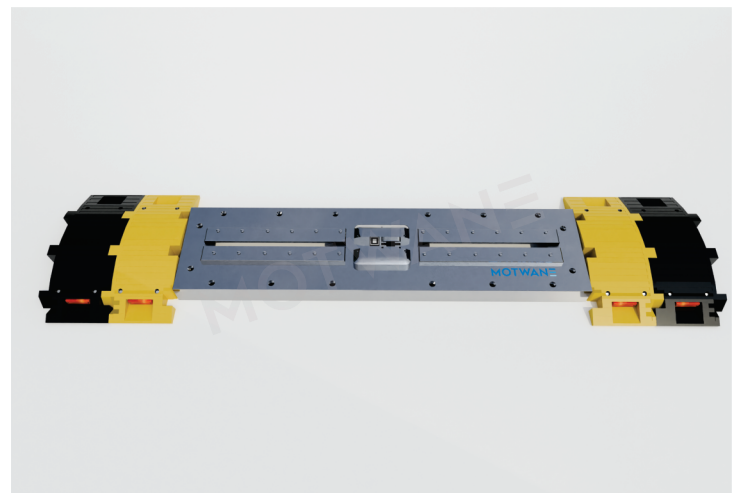
Biometric   Facial Recognition   QR Code   RFID   Mobile App

MOTWANE

TECHNICAL DETAILS	LINEAR SCAN UVSS

EMBEDDED FRAME

MODEL	MUVSS-L
MATERIAL	Stainless Steel
DIMENSION	1200mm x 350mm
WATER-PROOF GRADE	IP 68
LOAD BEARING WEIGHT	50T
IMAGE RESOLUTION	12000x7500

CCD LINE SCAN CAMERA

TYPE	Color Image
RESOLUTION	5000 pixels x 2048 pixels
IMAGE	Color
POWER SUPPLY	24VDC, 3A
TRANSFER INTERFACE/DISTANCE	Gigabit Ethernet/100m

Sealed unit to protect against heat, dust, water and vibration

OPERATING TEMPERATURE RANGE	-25°C to +60°C

LED ILLUMINATION

POWER SUPPLY	24VDC, 320W
LED LIGHT SERVICE LIFE	50,000 Hours
OPERATING TEMPERATURE RANGE	-25°C to +60°C

VEHICLE PLATE NUMBER CAPTURE CAMERA

Nigh Vision, Water Proof and Antifogging Function.

The imaging element,1/3 SONY ICX673 CCD

RESOLUTION	752(H)*582(V) & Horizontal resolution: 700TVL
SIGNAL TO NOISE RATIO	752(H)*582(V) & Horizontal resolution: 700TVL
ELECTRICAL SHUTTER	1/50—1/10,0000/s
WHITE BALANCE	Auto & Size : 8inch (292*140*102)

TECHNICAL DETAILS | LINEAR SCAN UVSS

DISTRIBUTION BOX

INPUT	2 channels induction coil
OUTPUT	1 Channel switch type 12VDC
COMMUNICATION PORT	RS485, 1000M Ethernet (Optional)
OPERATING TEMPERATURE	-25°C to 60°C

COMPUTER

BRAND	Grantech (SYM76941 VGGA)
CPU	Intel (R) Core Processor, 2.6GHz/2.59GHz
MEMORY	2G (optional 4G)
GRAPHICS	521 M
HARD DISK	SATA2 Hard Disk 500G
DUAL LAN	at least one Intel Gigabit
USB	2.0 (Up to 2 pieces)
MONITOR	24'' LCD, resolution up to 1920*1080
SCENE VIDEO RECORD	4 channels, Compression algorithm of scene video: H264
OPERATIONAL SYSTEM	Windows XP or Windows 7 (32 bit) (optional)

OPTIONAL

ALPR-Automatic License Plate Recognition software : via IP Camera captures license plate, ALPR software

processing and automatically presents license plate on screen

CONFIGURATION LIST

No.	Device Name	Unit	Quantity	Note (Main Device)	
01	Vehicle Chassis Scanning System Software Part	Set	1	Image Analysis Management Software	
02	Car Scanning System Image Acquisition Part	Set	1	Vehicle Chassis Image Equipment	
	Car Scanning System Operation Floor				
03	Under-body IO Distribution Box	Set	1	Distribution Box & Induction Coil 10m	
	Power Control and Vehicle Detector			(one way)	

TECHNICAL DETAILS   LINEAR SCAN UVSS

	System Cabinet				
	System Host	Set	1	System Host, Operation Floor	
04	LCD	PC	1	50 Inch LCD TV	
	Outboard LCD Display (Optional)			Video Cable&Camera Power Wire 30m	
05	Vehicle Plate Number Capture Camera	Set	1	(Standard)	
				With License plate recognition software	
06	Scene Monitoring System (Optional)	Set		When AC power is not connected to the	
07	Built-in Backup Power (Optional)	Set		state, the equipment can work through	
				the UPS backup power supply	

Auxiliary Materials and Accessories

No.	Device Name	Unit	Quantity	Brief Introduction	Note
01	Data Line	PC	01	10m (standard)	Optional
	(Scanner cable to distribution box)				
02	Data Line	PC	01	30m (standard)	Optional
	(Control box to operation floor)				
03	Power Wire of distribution box	PC	01	3.5 (standard)	Optional
04	Power Wire of operation floor	PC	01	3.5 (standard)	Optional
05	Tubing	PC	01	Dia.50mm Galvanized Pipe	Provide for oneself
	(Scanner cable to distribution box)			Cement: about 5 packs	

MOTWANE

TECHNICAL DETAILS | **LINEAR SCAN UVSS**

GA LAYOUT

CAMERA

LINER SCAN UVSS

1200

280

CONTROL ROOM
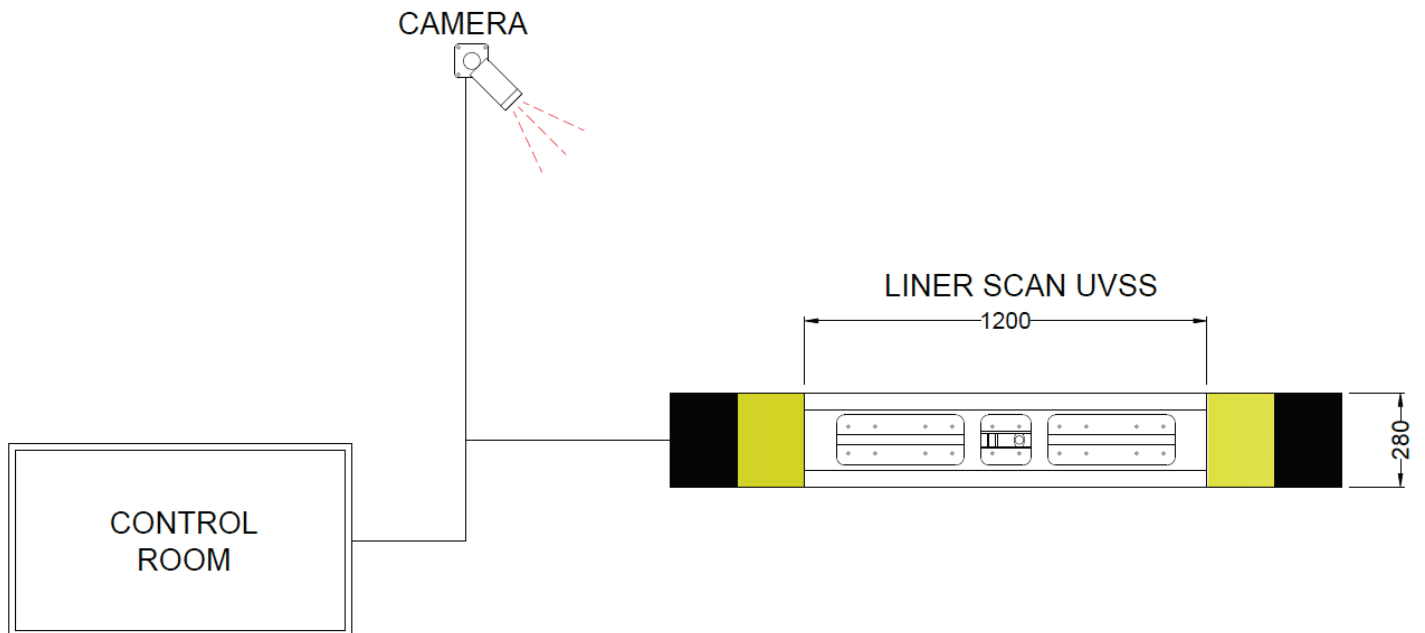
Disclaimer : In view of the Motwane's policy of continuous development and improvement, the dimensions and specifications may be changed without prior notice or obligation. Colours of the products shown in this catalogue may not match the actual colour of the product due to printing limitations.