



UVSS

RMC-UVS-FLD-PUN



The placement of Under Vehicle Surveillance System (UVSS) requires careful consideration & Planning and deep understanding of the perceived threats. These are dictated by the location, type of facility secured etc.

Therefore, It is today, a common practice for conducting a detailed Risk-Analysis to study the vulnerability & analyse the threat. A threat analysis report is prepared for setting in place a security plan for any building. It is from this that a decision to deploy an Under Vehicle Surveillance System is taken. These are also commonly installed in combination with Bollards, Road Blockers and/or Spikes.

Under Vehicle Surveillance System are designed to protect high-target buildings from concerted vehicular attack. These systems are offered with stitched up features for Licence Plate Recognition System and Driver Face Capture as well. These features make the UVSS a formidable barrier deployed to protect a facility.

The Line Scan camera that forms the heart of the system is the best technology for scanning as it delivers a distortion-free image crystal Clear image of exceptional resolution & quality aiding in easy identification of any foreign object that may be carried under a vehicle.

These are typically installed in Defence & Govt. facilities, Museums, Data Centers, Prisons, Hotels etc. The Licence Number of the vehicle and the Driver’s Face is stored for record purpose and may also be used for authentication to enter a facility.



UVSS

RMC-UVS-FLD-PUN

DESCRIPTION	PARTICULAR
Model	Ravel
Make	RMC-UVS-FLD-PUN
Application	Outdoor
IP Rating	IP 68
Housing Material of Construction	304 Stainless Steel
Housing Dimension (W X D X H)	1100 X 280 X 208 MM
Main Camera Specifications	
Camera Type	Linear Scan
Camera Sensor	Charged Couple Device (CCD)
Pixel Size	20 million linear cameras
Image Resolution	2048 pixels CCD
Camera Certification	CE, ISO
Camera Casing IP rating	IP 68
Camera Angle Of View	175 degrees
Image Size	5640 * 2096
Image Storage Format	BMP or JPEG
Image Type (Colour / BW)	Colour
Image Transfer Interface	RJ 45
Store or Load time	<2 second
Vehicle Image Scaling	16 times
Vehicle Speed (in Kmph)	1 - 60 Kmph
Minimum Suggested Speed (in Kmph)	5 Km/h
Operating Power	24 V DC
Absorbed Current	3 Amperes
Operating Temperature	-25°C + 55 °C
Operating Humidity	10 – 95 %



UVSS

RMC-UVS-FLD-PUN

Image Resolution	1920*1080
Image Storage Format	BMP or JPEG
Operating Power	20W
Absorbed Current	1A
Suggested Angle of View	120 °
Transfer Interface	RJ45
Store or Load time	3S

Driver Face Camera Specifications

Make	Dahua
Model	IPC-HF8229F
Camera Type	IP camera
Sensor	Infrared
Image Resolution	1920*1080
Image Storage Format	BMP or JPEG
Operating Power	20W
Absorbed Current	1A
Suggested Angle of View	120 degree
Transfer Interface	RJ45
Store or Load time	3S

Digital Video Recoding Camera Specifications

Make	Dahua
Model	IPC-HFW2125M-11
Camera Type	IP camera
Sensor	Infrared
Resolution	1920*1080
Operating Power	20W
Absorbed Current	1A
Transfer Interface	RJ 45
Storage Capacity	500 Gb
Video Format	PAL
Bit rate	8Kbps - 12.5Mbps



UVSS

RMC-UVS-FLD-PUN

Light Illumination	
Light Type	LED
Absorbed Current	10A
Power Consumption	320 W
Life service (in hours)	50,000 Hours
Weight of the UVSS Unit	295 Kg
Load Bearing Weight (in Kgs)	50 Ton
Host Computer Specifications:	
Brand	Granttech
CPU	INTEL i3
RAM	2G (Optional 4G)
Hard Disk Storage	500 Gb
Graphics	BMP or JPEG
USB Ports	2.0 Version, 4 Ports
Monitor	22 inch color LCD Screen
Operating System	Win 7 32bit
Weight of Host Computer Unit	15KG
Distribution Box:	
Loop Channels	2 channels
Communication Port	RS232 / RJ45
Drying Tube dimension (in mm)	570 X 260 X 820
Controller Board Operation Voltage	24V
Weight of the Distribution Box	25KG
License Plate Camera Specifications	
Make	Strong Seek
Model	712CN
Camera Type	IP camera
Sensor	SONY 1/3" line-scan CMOS sensor

