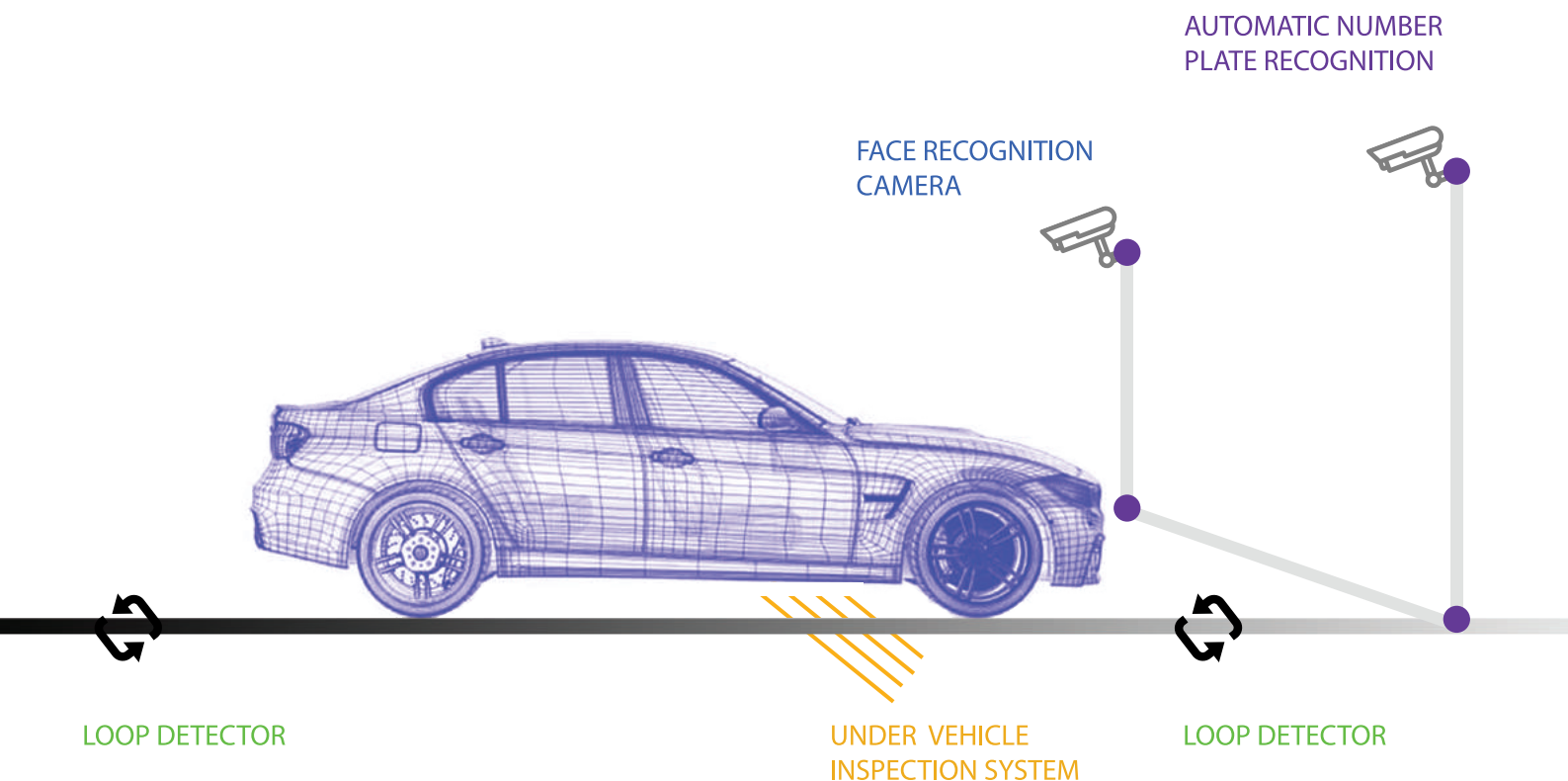


HB 7010 UVSS F
Under Vehicle Inspection Systems
PERMANENT/ FIXED



HAWKBERG HB 7010 UVSS F is the permanent under vehicle inspection system, designed to be robust and tough to withstand all the rapid changes around and is a low profile flush mount with easy installation. The deployment of this unit makes life easy for all the security staff. The crystal clear images make it easy to analyse all the threats that may arise due to any criminal activity. The cameras detect the threats very easily at the considerable fast speeds without any image delay or blur. With an optional features, we can integrate automatic number plate recognition cameras, face recognition camera, access controls with the unit to control & analyse all using the software at main server of unit.

The images generated by the cameras are stored in the recording unit and can be retrieved, searched or compared with the stored images in the database for the analysis of the threat identification and report at any time.

Ingress protection rating
IP68

Operating temperature
-20°C ~ +65°C

Illumination
LED

Communication
RS 232, RS 485, TCP/IP

VEHICLE INSPECTION SECTION

CAMERA SECTION

Sensor type	Line scan, building up an image, one line at a time, using a line sensor (linear array), which passes in a linear motion over an object, or where the object passes in a linear motion under the sensor. for a given field of view (FOV) a line scan set-up can give far superior spatial resolution.
Resolution	10.2 Megapixel (5000 x 2048 pixels)
Illumination LED (MTBF)	Using the bright LED (OSRAM-Germany), beam angle 120° with Efficacy (min)110lm/W 100,000 failures per million hours for a product
Capture speed	65 Kilometers per hour (40 Miles per hour)
Video capture format	H.265, H.264 for video & MJPEG for images

GENERAL

Load rating	40 Ton each axle (central shaft for a rotating wheel or gear)
Size	120 x 350 x 300cm (47.2 x 137.7 x 118.1inch), 30 x87.5x 75cm(11.8x34.43x29.53inch) each block
Temperature	Operation -20°C ~+65°C, Storage -20°C ~ +65°C
Humidity	20 ~ 95% non-condensing
Material	High grade SUS stainless steel
Ingress protection	IP 68
Power supply	DC 24.0V / 3A ±5% (for camera section) DC 24.0V / 4.5A ±5% 150W (for LED illumination section)

OUTDOOR CONTROL UNIT

Communication	RS 485, RS 232, TCP/IP Data transmission over network cables (CAT5, 5E etc), fiber optics, co-axial, wireless
Ingress protection	IP66/ NEMA 4X, totally protected against dust & against strong jets of water from all directions.
Temperature	Operation -10°C ~ +60°C, Storage -10°C ~ +60°C
Humidity	20 ~ 95% non-condensing
Power supply	110~230VAC, 50/60 Hertz

VIDEO ANALYTICS SERVER

21"LED Monitor, Intel® Core i7, Memory 16 GB RAM, Incorporated RS485 Port, USB2.0 Port x 2, Storage 500 GB HDD, 120 GB SSD, VGA 1 GB, Operating System Windows® OS.



Drawings & dimensions



ORDERING METHOD

HB 7010 UVSS F	Under vehicle scanning system - Fixed/ Permanent
HB 7011SL	Single loop detector
HB7011DL	Double loop detector
HB 7020AR	Automatic number plate recognition camera
HB 7022LR	Licence plate recognition camera
HB 7023FR	Face recognition camera



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