

HD S1 Camera 25

High Definition ANPR Camera

Featuring the latest in Machine Vision camera and LED technology the S1 25 Camera delivers a superior performance and characterises the new generation of number plate capture cameras.

The heart of the S1 25 is a high resolution 1.3 Mega Pixel IP camera with new efficient LED illumination. The S1 25 provides a breakthrough in ANPR technology resulting in high quality images across a 6.4 metre wide area.

The S1 25 is an all-in-one system integrating camera, lighting, lens and electronic lighting control into a single production unit. Each unit is pre-calibrated and tested for simple installation.

The S1 25 Camera is designed to achieve high quality images of number plates 24 hours a day, every day in line with the HOSDB Guidelines.

The S1 25 camera is set up with a Vari-focal lens preset to provide a plate capture at a focal distance of between 15 and 30 metres at a width of 5 - 6.5 metres. this makes the camera ideal for vehicle entrances and exists , car parks and single carriageways.

Unique to all the S Type cameras is they only use one camera to provide both the plate read and the associated overview image. The S1 camera will provide a plate read anywhere within its field of view using the unique plate reading software found in the X range of processors. Once the plate has been captured by the S1 camera it will be sent to the processor where the plate image will be cut out along with a cut out overview image providing a complete picture of the event. The S range of cameras read plates in colour in visible light automatically changing to IR Monochrome when the light level drops.



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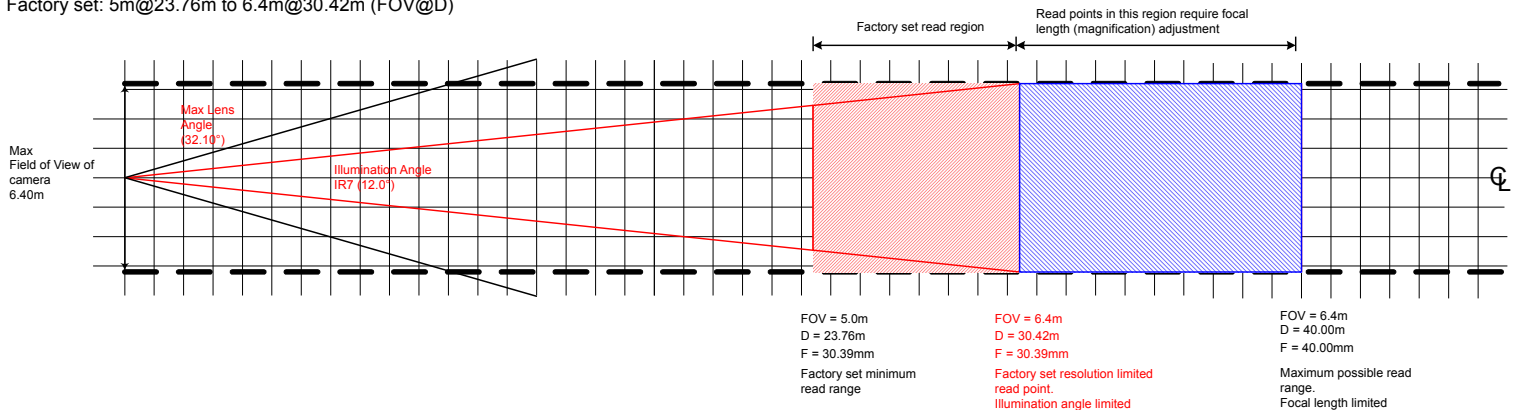
The principal features are:

- 6.4 metre road width coverage, using 1280 x 1024 pixel sensor
- Reading multiple number plates in a single field of view
- Superior Low Light Performance : 1/2" CMOS Sensor
- 12Vdc power or Power over Ethernet option
- 10~40mm vari-focal lens for viewing distance between 15 - 30 metres
- Plate image and overview from one unit utilising a single cable
- Simple set up using the Suiltvision Viewing monitor - control all functions
- Optimised MJPEG streaming of the video @ 1280 x 1024 pixels
- Seven wide-angle LED's to illuminate 6.5 metres of road width
- Standard Mounting

LED Quantity	7 Pieces
Infra Red Light Maximum Range	Optimised 5~15 metres
Infra Red Beam Angle	25 degrees
Power input	48V POE / 12VDC
Protection Level	IP66
Temper Glass Thickness	4mm
Dimension	215(L) x 120(W) x 117(H)
Net Weight	3.35 Kgs
Housing Construction	Die cast Aluminium Alloy

HD S1-25 (10 - 40mm/f1.2):

Factory set: 5m@23.76m to 6.4m@30.42m (FOV@D)



Note:
Reading at greater range than the factory setting requires user adjustment of lens focal length (magnification). Adjustment of the lens must be such that the FOV at the read point does not exceed 6.4m.

Key:
FOV = Horizontal field of view
F = Lens focal length
D = Distance from camera to read point along optical axis of camera