

# suilvision

# Puma

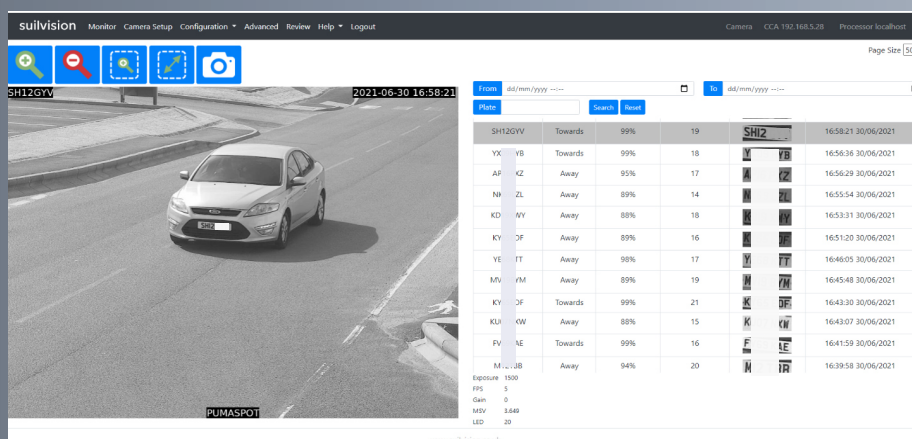
The Puma Free Flow Camera from Suilvision utilises the latest in ground breaking software and hardware technology. From the latest in camera and processor technology to the brand new Linux based software control the Puma delivers unrivalled performance incorporating a high resolution Mpx camera, infra red illumination and on board processor.



The Puma has a full remote control 9-36mm lens. There is an easy camera set up web app for configuring the cameras main functions.

The automatic IR lighting and camera control provide the user with a crisp bright plate at distances of up to 40 metres at a width of up to 8.0 metres. Utilising the all new camera housing the Puma is light and easy to install.

Using a standard DC Power supply the on board power system ensures no risk simple installation minimising time spent on site. The Puma has quick fit RJ45 socket to take a standard cable fitting.



The screenshot shows the suilvision web interface. On the left is a live camera feed of a white car on a road, with a timestamp of 2021-06-30 16:58:21 and a 'PUMASPT' label. On the right is a table of license plate data. The table has columns for 'Plate', 'Direction', 'Confidence', 'Distance', 'Plate', 'Time', and 'Date'. Below the table are camera settings: 'M...:dB', 'Exposure: 1/300', 'FPS: 5', 'Gain: 0', 'IRV: 2048', and 'LED: 20'. The URL 'www.suilvision.co.uk' is visible at the bottom.

Plate	Direction	Confidence	Distance	Plate	Time	Date
SH12GV	Towards	99%	19	SH12	16:58:21	30/06/2021
YX VB	Towards	99%	18	YX	16:56:36	30/06/2021
AP KZ	Away	95%	17	AP	16:56:29	30/06/2021
NP ZL	Away	89%	14	NP	16:55:54	30/06/2021
KD NY	Away	88%	18	KD	16:53:31	30/06/2021
KY DF	Away	89%	16	KY	16:51:20	30/06/2021
YE IT	Away	90%	17	YE	16:46:05	30/06/2021
MV VM	Away	89%	19	MV	16:45:48	30/06/2021
KY DF	Towards	99%	21	KY	16:43:30	30/06/2021
KU QW	Away	88%	15	KU	16:43:07	30/06/2021
FV ME	Towards	99%	16	FV	16:41:59	30/06/2021
M...:dB	Away	94%	20	M...	16:39:58	30/06/2021

High Quality images 24 hours a day, accurate plate reading along with the mysuilvision Lite web management software providing access control including white list and user barrier control, A range of interfaces allowing users to connect and use their own management software.

# Puma

- Designed specifically for multi lane applications
- Processor built in with Intelligent plate finding
- All in one unit - easy installation
- Automatic adjustment of IR Light, Gain and Shutter speed
- Remote zoom/focus of lens via GUI
- Easy set up using Web application
- Integration in 3rd party applications using API
- High accuracy plate read 24/7
- Adjustable sun shield keeps rain off the glass for clear images
- High quality extruded aluminium housing
- Connectivity to LAN/WAN & Internet
- 4G Model available (Puma Plus)
- Cost effective solution
- Use with mysuilvision for full Database Management

Contact your distributor

# Specification

## Camera & lens module

Resolution up to 4Mpx

Sensor Type: 1/2.5" CMOS Sensor

Max read width: 8 metres

Read distance: 10 - 40 metres

Pixel size 1.62µm

Lens: 9 -36mm fully motorised zoom, focus & iris

Illumination

High intensity intelligent IR: wavelength 855nm

## ANPR Engine

Processor: 8-Core 2GHz ARM processor/Ubuntu 20.04LTS Linux OS

International reading of plates, configurable

Configuration & Set-up

Configuration: Via a browser user interface over WAN or Lan connection

Lens Control: fully remote lens controlled via browser interface

Output Protocol: JSON Push, UTMC, FTP

## Storage

Storage Capability: One read can occupy 100-200KB of storage depending on image size configuration

Storage type: 16GB eMMC + 256GB Industrial SD card

## Network & Security

Clock Synchronisation: Integrated GPS or NTP as standard

Web Front end User Interface: Password Protected

Network Communication: Fully integrated: WAN (3G & 4G) & Wired LAN

Relay Outputs: One voltage free dry contact relay output

## Electrical & Environment

Power Supply: 15VDC 10amp supplied with a IP66 rated self-contained polycarb enclosure

Average Power Consumption of Camera: Typical 28 Watt / Max 32 Watt

IP Rating: 67

## Product Information

Weight of Puma camera: 4.17kg

Weight inclusive of standard bracket: 6.91kg

Dimensions of Camera inc Sun shield: 19(H)x33(L)x17(W) Centimetres

Weight Of PSU: 1.16kg

Weight of PSU with pole mount bracket: 3.65kg