

CS50

All-in-one ALPR camera for parking systems



KEY FEATURES

- ▶ HD ALPR camera for 24/7 plate recognition
- ▶ Captures plates from 13-55ft
- ▶ Up to 23ft capture width
- ▶ ALPR engine on-board
- ▶ Easy webpage setup
- ▶ On-board database with email and relay outputs

The CS50 camera is optimised for short to mid-ranged ALPR for the following applications:

- ▶ Airports security and parking
- ▶ Shopping Centres
- ▶ Barrier and access control systems
- ▶ Tolling
- ▶ Town Centre monitoring

High quality imaging

The CS50 utilizes uncompressed HD video for high-accuracy ALPR in parking and access control systems. The high resolution enables capture of the most challenging plates including those with half-height and stacked characters. The CS50 camera is available with 850nm illumination which allows clear and crisp licence plate images to be produced 24-hours a day.

On-board Jet Recognition Engine

All the HD video is processed inside the camera housing by the Jet Recognition Engine, which is one of the fastest and most accurate in the world, with no need to send high bandwidth video across the network or high-powered external process PCs. The engine is supported full-time by our in-house development team.

Highly flexible standalone or integrated

The camera has a wide-range of output options on-board without the need for any external PCs or software. After uploading a database to the device, rules can be programmed through the web-browser enabling:

- ▶ Automated access / barrier control through relay
- ▶ Email outputs
- ▶ Output of Wiegand codes
- ▶ LED sign integration
- ▶ Configurable XML output

JetManagementSuite software

When combined with the JetManagementSuite software, users are able to experience a complete parking management and access control system, allowing:

- ▶ Overstay analysis
- ▶ Car Park Counting
- ▶ Alarm management
- ▶ Ticketing integration
- ▶ Wiegand access control
- ▶ Relay barrier control

Simple web-based wizard setup

Configure the camera from anywhere on the network through your web-browser in minutes thanks to the new TagMaster UK setup wizard.

PART NO. INFORMATION	DESCRIPTION
CS-50-S-850	13-23ft range with IR
CS-50-M-850	23-40ft range with IR
CS-50-M-850-OV	23-40ft range with IR & OV
CS-50-L-850-OV	40-55ft range with IR & OV

TECHNICAL INFORMATION

Input Power <small>GPU</small>	24 V DC
Power Consumption	<25 W
ALPR Range Options	Various from 13ft to 55ft
ALPR Camera	1.2MP 1/3" CMOS sensor Frame Rate: 25 fps maximum
Overview Camera	1.2MP 1/3" progressive scan CMOS Frame Rate: 25 fps maximum
Illuminators	Focused high intensity LEDs 850nm
Shutter Speed	1/500th - 1/20,000th second
Environmental	-30°C to +60° C - operating temperature IP66
Dimensions and Mass	3.1 x 6.5 x 7.9 inches (H x W x D) 6.6lbs
Processor Specifications	1.46GHz Dual-Core with 2GB RAM 6GB useable storage
Communications	LAN (RJ45) connection, Relay Control (1 input, 2 outputs) Wiegand
Brackets	Various available

Due to TagMaster UK's continuous effort to develop the products in response to customer needs, the above specifications are subject to change.

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