CitySync 50

All-in-one ANPR camera for parking systems

▶ **HD ANPR camera for 24/7 plate recognition**

▶ **Captures plates from 3-25 m**

▶ **ANPR engine on-board**

▶ **Easy webpage setup**

▶ **Various illumination options available**

▶ **Setup wizard**

▶ **3rd party integration**

The CitySync 50 camera is optimised for short to mid-ranged ANPR for the following applications:

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

High quality imaging

The CitySync 50 utilises uncompressed HD video for high-accuracy ANPR 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 CitySync 50 camera is available with multiple illumination options including 850nm and 760nm infra-red and white-light. Giving clear, crisp, licence plate images.

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.

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

JetParking software

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

▶ Overstay analysis
▶ Car Park Counting
▶ Alarm management
▶ Ticketing integration

PART NO. INFORMATION	DESCRIPTION
CS-50-S-850	3-7 m range with IR
CS-50-M-850	7-14 m range with IR
CS-50-L-850	14-25 m range with IR
CS-50-M-W	7-14 m range with white light
CS-50-L-W	14-25 m range with white light
CS-50-S-850-OV	3-7 m range, with IR & OV
CS-50-M-850-OV	7-14 m range with IR & OV
CS-50-L-850-OV	14-25 m range with IR & OV

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TECHNICAL INFORMATION

Input Power	24 V DC
Power Consumption	<25 W
ANPR Range Options	Various from 3 to 25 metres
ANPR Camera	1/3" CMOS sensor Pixels: 1280 x 960 Frame Rate: 25 fps maximum
Overview Camera	1/3" progressive scan CMOS Pixels: 1280 x 960 Frame Rate: 25 fps maximum
Illuminators	Focused high intensity LEDs 850nm, 760nm and white-light options
Shutter Speed	1/1,000th - 1/50,000th second
Environmental	-30°C to +60° C - operating temperature IP66
Dimensions and Mass	80 x 165 x 200 mm (H x W x D) 3kg
Processor Specifications	1.46GHz Dual-Core with 2GB RAM 8GB useable storage
Communications	LAN (RJ45) connection, Relay Control (1 input, 2 outputs) Wiegand
Brackets	Various available

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