CS40
Powerful ANPR camera for parking systems

CitySync

The CS40 camera is optimised for short to mid-ranged ANPR for the following applications:

▶ Airports security and parking
▶ Shopping centres
▶ Barrier and access control systems with efficient installation utilizing integrated relay output control

High Quality Imaging

The CS40 camera provides HD video for high-accuracy ANPR for parking and access control systems.

The 2MP sensor provides detailed images of passing licence plates. The high resolution enables capture of the most challenging plates including those with half-height and stacked characters. It is available with 850nm illumination, which allows clear and crisp licence plate images to be produced 24-hours a day.

The camera is based on a powerful quad core 1.2GHz processing platform and uses Linux operating system for maximum stability and robustness.

On-board Jet Recognition Engine utilizing deep learning

All the HD video is processed inside the camera housing by the Jet Recognition Engine using our latest advances in deep learning, with no need to send high bandwidth video across the network to high-powered external process PCs. The engine is supported full-time by our in-house development team.

JetManagementSuite Software

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

▶ Car park counting
▶ Automated access / barrier control
▶ LED sign integration
▶ Alarm management
▶ Ticketing integration

PART NO. INFORMATION	DESCRIPTION
CS-40-S-850	3–6 m range with IR
CS-40-M-850	6–10 m range with IR
CS-40-L-850	10–15 m range with IR

TECHNICAL INFORMATION

Input Power	24-48V DC (Amphenol IP68 M-series connector*) PoE+IEEE 802.3at
Power Consumption	Max 15W
ANPR Range Options	Various from 3m to 15m
ANPR Camera	2MP 1/2.8" CMOS sensor Frame Rate: 25 fps maximum
Illuminators	850nm IR Illumination pre-focused and aligned to suit detection range
Shutter Speed	1/25th–1/8,000th second
Environmental	-30° C to +55°C – operating temperature 0%–95% Relative Humidity
Dimensions and Mass	With sunshield 95 x 198 x 253 mm (H x W x D) 2.62kg Without sunshield 77 x 160 x 185 mm (H x W x D) 1,58 kg
Interfaces	LAN (weatherproof standard RJ45) 10/100Mbps Ethernet interface Relay Control (1 output)
CPU	Quad core Cortex A-9 processor @ 1.2GHz
Operating System	Linux
Brackets	Various optional mounts available
Standards	IP66, Ingress protection EN 60950-1, Electrical Safety General IEC 60950-22, Electrical Safety Outdoor EN 55022:2010, Emissions EN 55024:2010, Immunity IEC 60068-2-27 Ea, Shock IEC 60068-2-64 Fh, Vibration UL94 HB, Flammability RoHS directive 2002/95/EC and RoHS2 directive 2011/65/EU

*Article number 12-08BMMA-SL8001 female to be used on cable.

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