CS-40

All-in-One LPR Camera for Advanced Identification Solutions

KEY FEATURES:

- LPR camera for 24/7 plate recognition
- PoE+ connectivity
- Powerful processor running LPR engine on-board
- IP-based configuration
- Captures plates from 10-50 ft*

The CS-40 all-in-one LPR camera is optimized for the following applications:

- Airport security and parking
- Mixed-use urban developments
- Barrier and access control systems

High quality imaging:

The CS-40 camera provides HD video for high accuracy LPR for parking and access control systems.

The 2MP sensor provides detailed images of passing license plates. The high resolution enables capture of the most challenging plates including those with half-height and stacked characters. The CS-40 camera is available with 850nm illumination, which allows clear and crisp license 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.

Jet Management Suite software:

When combined with the Jet Management Suite 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:

CS-40-S-850	10-20 ft range (IR)
CS-40-M-850	20-33 ft range (IR)
CS-40-L-850	33-50 ft range (IR)

*Please contact your sales representative for more options

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SPECIFICATIONS

Technical Information	
Input Power	24-48V DC (Amphenol IP68 M-series connector*) PoE IEEE 802.3af
Power Consumption	<15 W
LPR Range Options	Various from 10 ft to 50 ft**
LPR 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	-22° to +140°F – operating temperature 0%-95% Relative Humidity
Dimensions and Mass	With sunshield 3.74 x 7.80 x 9.96 in (H x W x D) 5.78 lbs Without sunshield 3.03 x 6.30 x 7.28 in (H x W x D) 3.48 lbs
Interfaces	LAN (weatherproof standard RJ45) 10/100Mbps Ethernet interface
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 12-03PMMS-SF8001 female to be used on cable.   **Depends on Camera type and settings