# CS50T

## All-in-one 2 lane ANPR camera for traffic solutions

**CitySync**

**The CS50T camera is optimised for ANPR in the following applications:**

▶ Police
▶ JTMS
▶ Mobile surveys with scheduled recording
▶ Town centre monitoring

### High quality imaging

The CS50T utilises uncompressed HD video for high-accuracy ANPR in traffic applications.

The high resolution enables capture of the most challenging plates including those with half-height and stacked characters.

The CS50T 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 using our latest advances in deep learning, with no need to send high bandwidth video across the network to high-powered external servers. The engine is supported full-time by our in-house development team.

### Simple web-based setup

Configure the camera from anywhere on the network through your web-browser in minutes thanks to the new CS setup wizard. The CS50T also comes equipped with powerful tools in live view for finding the optimal camera position, keeping the installation time to a minimum and at the same time maximizing performance.

| PART NO. INFORMATION | DESCRIPTION |
| --- | --- |
| CS-50T-L-850-OV | 15-25m range with IR illumination and overview camera |

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|---|---|
| **Input Power** | 24 V DC |
| **Power Consumption** | <25 W |
| **ANPR Range** | 15m to 25m |
| **ANPR Camera** | 1.2MP 1/3" CMOS sensor<br>Frame Rate: 25 fps maximum |
| **Overview Camera** | 1.2MP 1/3" progressive scan CMOS<br>Frame Rate: 25 fps maximum |
| **Illuminators** | Focused high intensity LEDs<br>850nm |
| **Shutter Speed** | 1/500th - 1/20,000th second |
| **Environmental** | -30°C to +60° C - operating temperature<br>IP66 |
| **Dimensions and Mass** | 80 x 165 x 200 mm (H x W x D)<br>3kg |
| **Processor Specifications** | 1.46GHz Dual-Core with 2GB RAM<br>6GB useable storage |
| **Communications** | LAN (RJ45) connection,<br>Relay Control (1 input, 2 outputs)<br>Wiegand<br>4G Modem incl. GPS (optional) |
| **Brackets** | Various available |

**TagMaster**

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