



eSA™ | Data Sheet

Futronics is the UK Home Office approved, exclusive supplier of ANPR solutions to the Driver and Vehicle Licensing Agency (DVLA). The continued success of these systems applied across the UK, has inspired us to develop our static ANPR solution. The **eSA** is an environmentally sealed, self-contained static ANPR system offering the performance normally reserved for operator controlled systems.

Responding to the demand for even further flexibility in our ANPR solutions, the **eSA** can be deployed on a permanent or semi-permanent basis, with the whole system being remotely controlled and monitored using our embedded GSM module.

Control room operators are able to monitor system health with a comprehensive dashboard showing the live status of the system, including, all the main processors, the cameras, cabinet temperature, battery voltage and tamper alarms. System shutdowns, restarts and communications resets are all easily managed through the control room interface.

The **eSA** is supplied with **Futronics'** industry leading ANPR software pre-installed. This proven software is configurable to detect license plates from over 20 European countries and transmit specified images to the control room. Any loss of communication is protected with the local recording of activity to a solid state removable hard drive. **Futronics** is also able to provide its tried and tested back office software via its secure data centre servers and encrypted networks if required. OEM versions are available on request.

With 10 years of first class performance across the UK, Futronics is the reliable ANPR solution choice.

 **FUTRONICS**
Call us on +44 (0)8456 43 9990
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eSA Specifications

OPERATIONAL FEATURES:

- Images sent directly to secure data centre servers.
- Central hit list database can be held remotely and accessed directly by the eSA system.
- Dashboard status system reporting usage metrics including, ANPR hits, traffic flow, system diagnostics.

TECHNICAL FEATURES:

- Up to 8 ANPR Cameras (4 x IR and 4 x Overview)
- Stand alone microprocessor controlled communications module
- Optional modem choice – HSDPA/3G+ / GPRS / WiFi / Bluetooth II / Mobitex / Satellite Transceiver Module / TETRA / Radio Modules.
- Dynamic performance feedback via diagnostic LEDs
- Remote interrogation of temperature, voltage and communication levels
- Integrated GPS engine
- Secure remote control using bespoke SMS commands or locally triggered alarm sequences via separate integrated GPRS modem.
- Remote interrogation of temperature, voltage and communication levels
- Large offline data storage
- Battery backup system
- 8 Buffered video loop connections through for third party use.
- GPS location reporting

COMPUTER SPECIFICATION:

- **Option 1:** Intel® 2.53 GHz Core™ 2 Duo Mobile 1066MHz FSB for high performance multi-tasking environments,
- **Option 2:** Intel® 2.53 GHz Core™ 2 Quad Mobile 1066MHz FSB for the most processor intensive applications.
- 2 x 2GB DDR3 1066MHz, 4GB memory standard
- 2 x lockable removable solid state drives, available as 40GB, 64GB, 128GB, 256GB, 512GB. Also available on request drive adapters for flash storage cards.
- 2 x PCI ANPR cards – up to 8 cameras depending on configuration.

OPERATING SYSTEM:

- Microsoft® Windows® XP Pro SP3

PORTS:

- 6 x RS232 / 6 x GIGABIT LAN / 6 x USB / 1 x eSATA Port / 1 x VGA and 1 x DVI Port / 2 x PS2 Ports
- Audio: Line In and Line Out

PROPERTIES:

- Input range: 10.7 to 30 volts DC
- Typical Power Consumption:
 - > Core 2 Duo systems 1.6 Amps (19.2 watts @ 12v) idle, 3.6 Amps (43 watts @ 12v) maximum load
 - > Core 2 Quad systems 2.4 Amps (29.2 watts @ 12v) idle, 4.4 Amps (53 watts @ 12v) maximum load
 - > Operating Temperature Range: -20°C to +60°C, 0 to 95% RH non-condensing

DIMENSIONS:

- 400 mm x 600 mm x 220 mm

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