

## **ISO 15693 Long Range Reader "EzScan LR"**

The iDTRONIC EzScan ISO15693 Long Range Reader is a Read/Write device for ISO15693 transponders (ISO18000-3). It is easily possible to get a connection to a PC/host thanks to the integrated RS 232 interface. The EzScan LR Reader has a software controlled maximum output power of 8 Watts.

With the EzScan ISO15693 Long Range Reader it is possible to achieve reading distances of up to 1,5m (depending on type of transponder). It has an integrated LCD display allows to get a simple operation possible, also in a stand alone mode.



### **General features:**

- Long range vicinity RFID reader
- High strength and resilience extruded aluminium enclosure
- Built-in audio buzzer · Status monitoring LCD with backlight
- Standard ESD-protected RS232 serial interface (up to 115.2 K-baud)
- Firmware-upgrade via RS232 port
- Compliant with Legic Advant ATCxx–MV (UID only)
- Integrated solid state switch
- Real Time Clock with Internal Thermometer function
- Transient & over-current protected input power
- Easy setup to minimise hassle
- Full documentation and PC library support for easy integration
- Universal AC/DC Power supply
- Demo software & PC library CD for Windows programs

### **Product specification:**

<b>Power supply:</b>	12VDC – 1,0A (typical)
<b>Reading range:</b>	Up to 1,50m (tag & antenna configuration dependent)
<b>I/O ports:</b>	2 software programmable digital I/O ports Opto-Isolated input port Relay port for peripheral switching up to 0~5A <sub>dc</sub> , 0~50V <sub>dc</sub> max.
<b>ISO compliance:</b>	ISO15693
<b>Supported transponders:</b>	Supports all major ISO15693 transponders Infineon my-d TI Tag-it HFI NXP I-Code SLI Legic Advant ATCxx-MV (UID only)
<b>Operating frequency:</b>	13.56 MHz
<b>Output:</b>	Up to 8 Watts
<b>Temperature range:</b>	-10 °C up to 60 °C
<b>Weight:</b>	550 g
<b>Dimensions:</b>	135 x 105 x 61mm
<b>Order number:</b>	R-EZ-LR

## Product – Datasheet

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### Options:

Options:	Order number:
Power splitter	R-EZ-PWR
Multiplexer for 8 antennas	R-EZ-MUXHF8
Antenna tuning board	R-EZ-AN-TUN-BD
Evaluation LR Antenna (set of 2)	R-EZ-LR-EVAAN
Gate Antenna EZAX (set of 2)	R-EZ-LR-EZAXAN
Gate Antenna EZMULTIX (set of 2)	R-EZ-LR-MULTIXAN
Ezscan LR Evaluation Kit including EzScan LR reader, power supply, demo software, coaxial cables, power splitter, evaluation LR antenna (set of 2)	R-EZ-LR-SDK

Technology by:

