

## INNOPROX II – Slimline Proximity Card Reader



*The INNOPROX II Slimline card reader is a stylish, robust reader with a strong, impact resistant polycarbonate enclosure which can withstand harsh environments. The reader provides reliable performance with a high degree of vandal resistance.*

### LED & Buzzer Functions

When a card or fob is presented to the reader, the red LED flashes green and gives a short beep. The multicolour LED and beeper are controlled by the host system. When the BUZZ function is enabled, a built-in 2 second timer allows the buzzer to be used with 'Free Access Doors' without the buzzer continuously sounding.

### High Security

Recognises card formats up to 90 bits long with unique ID's. XTEA encryption keys provide over 18 billion billion differs. A tamper alarm output is provided in case of vandalism.

The Weigand output interfaces with most existing protocol access control systems. The integral ARDREX function allows 2 readers to be connected together on one reader cable for 'IN' & 'OUT' operation when used with Securefast Entra+ controllers.

### Diagnostics

On reader power-up, an internal self test routine checks which verifies the setup configuration and determines the internal or external control of the LED and beeper. Reader operation is then started.

### Output formats

Many card types and output formats are available – details are available on request from our sales office. Outputs are diode protected.

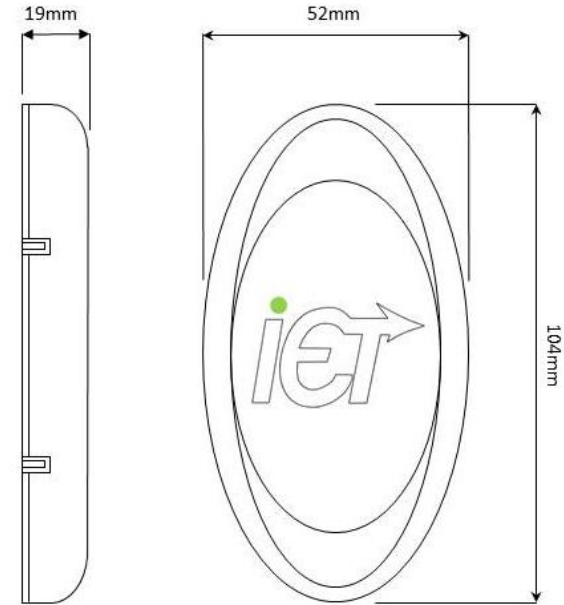
#### Standards

EN60950 and IEC60950-0 ITE Electrical Safety

EN 300 330-SRD, and ETS 300 683 – EMC CE Mark

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Technical Information	
Read Range	<ul style="list-style-type: none"> <li>• ISO card – 760mm</li> <li>• Keyfob – 380mm</li> </ul>
Dimensions	104mm (H) x 52mm (W) x 19mm (D)
Material	High Quality Polycarbonate UL 94
Power Supply	7 – 25 VDC reverse polarity protected
Maximum Current Requirements	Average 13mA, Peak 20mA @13.8Vdc
Operating Temperature	-30° to +65° C
Operating Humidity	0-95% relative humidity noncondensing
Transmit Frequency	125kHz
Outputs	<ul style="list-style-type: none"> <li>• Wiegand data 0 &amp; data 1 100uS pulses @1ms bit rate</li> <li>• Magnetic Stripe 200uS clock width with 400uS data bits</li> <li>• Type and format automatically selected by card in use</li> <li>• RS485 selected by wire link</li> <li>• Tamper alarm (70MA max)</li> </ul>
Connection	Via Miniature screw terminal black
Cable Distance	<ul style="list-style-type: none"> <li>• Wiegand or Clock-and-Data interface – 300m</li> <li>• Recommended cable is Belden 9535 or equivalent (5 core with overall shield)</li> </ul>
Weight	68gm
Colour	Charcoal



For further information contact:

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