



Proximity reader



Winner of Best New Access Control Product at IfSEC 2004, Optica® is a combination 125 kHz proximity reader and keypad. The unique and innovative design keypad has no moving parts to wear out or sabotage and is subtly backlit with fashionable blue LEDs. Optica® is available with either tough ABS plastic covers or as a vandal resistant (VR) version in a contemporary satin stainless steel housing. All versions feature industry standard clock and data and Wiegand outputs making them suitable for use with all standard access control units.

Features of the Optica® reader

- Available in standard and vandal resistant (VR) versions
- Tough polycarbonate clip-on covers in two colours (standard version), contemporary satin stainless steel housing (VR version)
- Fully encapsulated design for maximum liquid and dust ingress protection
- Suitable for internal or external use
- Integral indication LEDs and sounder all with individual external control
- Read range up to 150 mm
- Wide operating temperature range: -20°C to +55°C



Benefits of the Optica® reader

- 3 year warranty
- Good read range and excellent reliability
- Unique and innovative keypad with contemporary blue backlight
- Vandal resistant version available for piece of mind
- Adapt the look of the reader to suit the surroundings with graphite and ivory clip-on covers
- Unambiguous audible and visual indication of card reads and access status maximises user confidence
- Compatible with all standard access control systems
- Can be used in PIN only, PIN plus card or card only situations
- No moving components to wear out

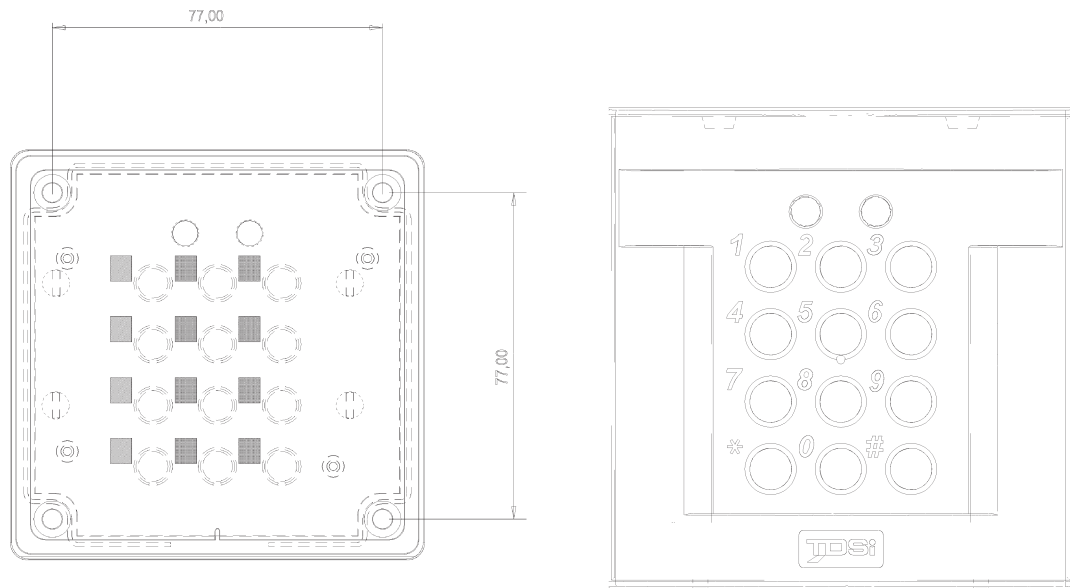
Optica®



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Technical Data

Dimensions	101 x 101 x 101 mm
Weight	210 g (Optica™) 270 g (Optica™ VR)
Operating environment	-20°C to +55°C, 0 to 95 %RH (non-condensing)
Power supply	10 to 14 VDC, 150 mA max
Operating frequency	125 kHz
Card technology	EM4102 Compatible
Sounder	Integral with external control
LEDs	2 – red and green both with independent external control
Read range	<150 mm with ISO card, <80 mm with tag (Optica™) <80 mm with ISO card, <30 mm with tag (Optica™ VR)
Output formats	Mag stripe, 26-bit Wiegand, Serial TTL

Ordering Information

Part No:	Product Description:
5002-0390	Optica®
5002-0391	Optica® VR (Vandal resistant)

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