



Optica®

Proximity Reader with optical keypad

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 stainless steel housing. All versions feature industry standard clock & data and Wiegand outputs making them suitable for use with all standard access control units.

SPECIFICATIONS

TDSi Part No.	5002-0390/5002-0391
Dimensions	101 x 101 x 20 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	EM4100, EM4102, EM4200 and 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 Number: 5002-0390

Description: Optica®

Part Number: 5002-0391

Description: Optica® VR (Vandal Resistant)

FEATURES & BENEFITS

Unique and innovative optical keypad for detection of key presses

No moving parts to wear out maximising reliability.

Tough polycarbonate clip-on covers supplied in graphite and ivory colours

Adapt the look of the reader to suit the surroundings.

Available in a stainless steel vandal resistant (VR) version

Both deters and resists attack providing piece of mind.

Sealed design

Provides increased protection against water ingress making it suitable for mounting both indoor and out.

Integral LEDs and sounder

Gives the user unambiguous audible and visual indication of card reads and access status. Maximises user confidence.

Industry standard outputs

Allows connection to all standard access control panels.

Can be used in card only, PIN only or card plus PIN modes

Increase the security with the addition of PIN.

Programmable reader functions

Allows the user to customise selected reader functions such as backlight operation.

Blue backlight

Illuminates the keypad with contemporary blue LEDs.



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