



**Combining unique
functionality with high quality
engineering and design**

Temaline compact readers deliver outstanding and consistent performance in an attractive and stylish design with keyboard, swipe and two-line display. Compact readers combine unique functionality, high quality engineering and design with superb reliability and consistent read range.

Compact readers are available in mono and bi-directional HID and proximity.

MAJOR BENEFITS

Easy to install: The direct LON connection and embedded I/O simplifies installation and engineering and reduces the number of system devices.

Intelligence: Readers can be used for time and attendance management with the


possibility to perform transaction enquiries locally.

Embedded I/O: Allows the complete control of a door (door monitor, request-to-exit, door lock and visual/audible indication) without having to invest in additional costly devices.

Compact design: Integrated reading unit complete with LCD display, numeric-function keyboard, 2 digital inputs and 2 digital outputs.

KEY FEATURES

- Wall or Turnstile Mounting
- Supports LCD Messaging
- PIN Support
- Internal I/O for door control
- Numeric-function Keyboard with 16 keys
- Eschalon "LON" Device
- Optional: Time & Attendance

Specifications	TK CO1	TK CO3
Technical	Integrated compact reading unit complete of display, keyboard, 2 digital inputs and 2 digital outputs.	
	Bi-directional reader for Magnetic cards.	Mono-directional reader for HID Proximity cards (standard ISO/ABA 125Khz, up to 5cm of distance).
	Alphanumeric Liquid Crystal Display (LCD), back lit, with two lines of 16 characters each, for the visualization of time data, guide messages for the user, and service messages.	
	Numeric-function Keyboard with 16 keys, to enter the pin code of the user or the reason for transit.	
	1 double-colored LED signal: green LED for the correct reading of each direction and red/yellow for invalid transactions and or Messages.	
	Variable Tones for valid/invalid transactions.	
Electrical		
Supply Voltage	12V DC \pm 15%	12V DC \pm 15%
Energy Consumption	1.4W nominal (1.7 W max.)	1.8W nominal (2.1 W max.)
LonWorks cabling interface	Unshielded twisted pair cable in free topology. (Transceiver FTT10A, 78Kbps)	Unshielded twisted pair cable in free topology. (Transceiver FTT10A, 78Kbps)
Digital Input	2 opto-coupled Digital Inputs	2 opto-coupled Digital Inputs
Digital Output	2 Relay Outputs (1A@30V)	2 Relay Outputs (1A@30V)
Physical		
Protection Degree	IP31	IP55
Dimensions	W=72, H=160, D=75 mm	W=72, H=160, D=75 mm
Weight	0,5 Kg	0,5 Kg
Environmental		
Working Temperature	0°C / +50°C	0°C \div +50°C
Relative Humidity	Up to 95% without condensation	Up to 95% without condensation
Electromagnetic Compatibility	89/336/CEE; 92/31/CEE; 93/68/CEE	89/336/CEE; 92/31/CEE; 93/68/CEE CEI 111-3; CENELEC 50061
 <p>HID is a licensed trademark of HID Corp. MIFARE® is a registered trademark of Philips Electronics N.V.</p>		



TX CO1



TX CO3

Honeywell Systems Group

Via Tintoretto, 15
21012 Cassano Magnago (VA)
Italy

Tel. +39 0331 704628
Fax. +39 0331 704495
www.honeywell.com

revA
April 2006
©2006 Honeywell International Inc.