TEMALINE TK_C30

Fresh attractive design combined with advanced functionalities.

This modern compact reader is aligned to the latest trend in terms of design: stylish and robust at the same time.

It can be safely installed in exclusive office buildings, as well as in manufacturing environments where dust and sand may prove to be a challenge. The ability to manage mobile access reading makes advanced access control easier – getting rid of plastic cards or key fobs.

Get the most out of your mobile device and use it at your convenience, with intentional presentation or without any need to present it. The door opens as soon as you approach it – making access control simpler than ever.

Additionally, the support for multi-reading technology makes this device a suitable solution for a smooth migration from proximity technology to smartcards – following the latest trends in mobile access reading products.

INTUITIVE

The usage of the device is straightforward, with the frontal layout clearly indicating where to present the card or the mobile device for correct reading – followed by audio and visual signals that confirm whether the access is granted or denied. Additionally, the two-line display can be configured to show the user's name and surname.

VERSATILE

The device can be easily configured to manage Access Control and/or Time and Attendance transits. The device can be used to access or manage a variety of zones or doors (e.g. normal flap door, turnstile, car park barrier, automatic sliding door, lift).

With appropriate configuration, it can also manage a special type of gates as the Airport boarding gate – ensuring an appropriate management of a smooth and secure customer boarding process.

SCALABLE PORTFOLIO

The Temaline portfolio lists other devices that offer similar top-level features, aligned through design, that can be combined for a comprehensive and fully integrated solution – ensuring high-security features like global anti-passback, visitor management, and muster station management in case of evacuation.

MULTI-READING CAPABILITY

- Mobile reading supported on both Android and IOS devices.
- Prox cards as
  - HID prox 125 kHz
  - Indala
  - EMarine/Unique
- Smartcard as
  - Mifare Classic
  - Mifare DESFire
  - Mifare DESFire EV1
  - HID Mifare Classic SE
  - HID Mifare DESFire SE
  - HID Mifare DESFire EV1 SE
  - HID iClass standard
  - HID iClass Seos

FEATURES AND BENEFITS

- Access control transits complete with PIN support
  - Card only.
  - Card plus PIN (specific per cardholder on 4 digits).
  - Keyboard code (6 digits).
- Time and Attendance (T&A) transits completed with direction and reason.

- Time and date permanently shown on display for more comfortable T&A transits (EU and US formats).
- Possibility to configure the Cardholder name and transit direction for T&A transits.

- Local and remote enquiry on both transits and personal data.
- On board I/O for door management.
- Echelon device.
- Tamper-proof housing to detect when the device is opened, with possibility to define specific actions.

- Configuration and firmware updates are fully manageable from supervisory level, avoiding any further need of on-field intervention.
- Adjustable BLE read range via user friendly app (Android only).

- Support of various credential types and formats for enhanced flexibility in the technology migration process.

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TEMALINE TK_C30 TECHNICAL SPECIFICATIONS

KEY ADVANTAGES AT A GLANCE

- Wall or turnstile mounting with enhanced ergonomic vision.
- Stylish and robust design that blends in with elegant premises, as well as manufacturing environments.
- Access Control and Time and Attendance transits support that allows advanced transits for both configurations.
- Flexible support of a variety of reading technologies, from proxy to smartcard.
- Innovative system with Honeywell Forge Occupant Experience Mobile Access.
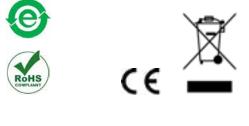- Embedded I/O removes the need to invest in additional, costly devices.

SPECIFICATIONS

- Modern Design LonWorks Compact reading unit for for multi-reading technology.
- Includes reader (prox, smartcard, BLE) with an 16x2 LCD, a numeric keypad with 16 keys, two supervised or digital inputs, two powered open collector drain outputs for gate management.
  - To be connected to Temaline TS2 controller.
  - Refer to compatibility matrix for EBI-Temaline versions that connect to this device.

	PARAMETER	VALUE
ELECTRICAL	DC POWER SUPPLY	12VDC ± 20% idle:130mA (1.7W) peak:160mA (2W)
	LONWORKS® CONNECTION	Unshielded, Free Topology Twisted Pair cable (transceiver FTT10A, 78Kbps)
	READER CAPABILITY	125 kHz; 13,56 MHz; BLE for mobile credential
	INPUTS	Type: Controlled on 4 states (open, close, cut, short) or digital inputs (open, close). Number: 2 Supply Voltage: 0V ÷ +14V Supply current: 0 ÷ 10 mA Minimum detection time: 250 ms
	OUTPUTS	Type: Power Open drain (MOSFET) Number: 2 Voltage: 10V ÷ +14V (from internal Power supply) Voltage (absolute max): 10V ÷ +30V (from external Power supply) Current: 1,2A [5A / 0,5sec peak max – inductive load] Normality: NO or NC via Jumper setting
	LED	1 high-brightness 3-colour led (red, green, yellow)
	DISPLAY	Alphanumeric 16x2 – led backlight; Color black/white
	KEYBOARD	16 keys keypad with soft epoxy / UL treatment for harsh environment
	ACOUSTIC SIGNAL	Buzzer
PHYSICAL	MOUNTING	Wall mount or Turnstile mount
	SIZE	164 x 75 x 59 mm
	WEIGHT	Device: 0.27 kg; with box: 0.5 Kg
	SECURITY	1 Torx screw
	ANTI-TAMPERING	1 internal anti-opening tamper
	CASE MATERIAL	PC ABS V-0
	COLOUR	NCS S 8000-N
ENVIRONMENTAL	ENVIRONMENTAL TEMPERATURE FOR CORRECT OPERATION	-20ºC to +60ºC
	STORAGE TEMPERATURE	-20ºC to +70ºC
	STORAGE AND OPERATING HUMIDITY	0 ÷ 90% not condensing

TEMALINE TK_C30 TECHNICAL SPECIFICATIONS

	PARAMETER	VALUE
CERTIFICATIONS	DIRECTIVES	RED - Radio Equipment Directive (2014/53/EU) RoHS - Risk of Hazardous Substances Directive (2011/65/EU + amendment 2015/863/EU)
	STANDARDS	EN 50130-4:2011 + A1:2014 EN 55032:2015 + AC:2016 EN 300 328 V2.2.2 EN 300 330 V2.1.1 EN 60068-2-1:2007 EN 60068-2-2:2007 IEC 62321-3-1:2013 4:2013 5:2013 7-2:2017 6:2016 8:2017 EN 62368 -1: 2014 + A11:2017

ORDERING

CODE	DESCRIPTION
TK_C30	Modern Design LonWorks Compact terminal for for multi-reading technology. Includes reader (prox, smartcard, BLE) an 16x2 LCD, a numeric keypad with 16 keys, 2 supervised or digital inputs, 2 powered open collector outputs for gate management. To be connected to TS2.

Honeywell reserves the right, without notification, to make changes in product design or specifications.

TRADEMARKS

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More information:
Email: temaline@honeywell.com
www.temaline.honeywell.com
www.honeywell.com

Honeywell Building Solutions
Via Philips, 12
20900 Monza (MB)
Italy

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FUTURE
IS
WHAT
WE
MAKE IT**
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