

TEMALINE TK_L30

Fresh attractive design combined with advanced functionalities.

A modern mullion style reader aligned to the latest trend in terms of design: stylish and robust at the same time.

Its slim design allows easy installation onto door frames. Thanks to the IP65 protection level, 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. The TK_L30 is fully compliant with Honeywell Forge Occupant Experience.

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 not.

VERSATILE

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).

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.

FEATURES AND BENEFITS

- Access control transits.
- On board I/O for door management.
- Echelon device.
- IP65 that allows installation outdoor and in dust-affected environments.
- Tamper-proof to detect the device removal, with the possibility to define specific actions.
- Configuration and firmware updates are fully manageable from supervisory level, avoiding any further need for 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.



MULTI-READING CAPABILITY

- BLE 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

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TEMALINE TK_L30 TECHNICAL SPECIFICATIONS

KEY ADVANTAGES AT A GLANCE

- Wall or turnstile mounting.
- Stylish and robust design that blends in with elegant premises, as well as manufacturing environments.
- 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 Mullion style terminal for multi-reading technology.
- Includes reader (prox, smartcard, BLE), two supervised inputs, and two open collector outputs for gate management.
 - To be connected to the 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: 85mA (1.2W) peak: 130mA (1.7W)
	Lonworks® connection	Unshielded, Free Topology Twisted Pair cable (transceiver FTT10A, 78Kbps)
	Reader capability	125 kHz; 13,56 MHz; BLE for mobile credentials
	Inputs	Type: Controlled on 4 states (open, close, cut, short) Number: 2 Minimum detection time: 250 ms
	Outputs	Type: Open collector Number: 2 Voltage (Max): 28VDC Current (Max): 100mA
	LED	1 high-brightness, 3-colour led (red, green, yellow)
	Acoustic signal	Buzzer
PHYSICAL	Mounting	Wall mount or turnstile mount
	Pigtail length cable	50 cm
	Size	156x40x26 mm
	Weight	Device with pig tail cable: 0.16 kg; including carton box: 0.43 Kg
	Anti-tampering	1 switch (against removal)
	Case material	PC ABS V-0
ENVIRONMENTAL	Colour	NCS S 8000-N
	Protection level	IP65
	Environmental temperature for correct operation	-20°C to +60°C
	Storage temperature	-20°C to +70°C
CERTIFICATIONS	Storage and operating humidity	0 ÷ 95% not condensing
	Directives	RED - Radio Equipment Directive (2014/53/EU) RoHS - Risk of Hazardous Substances Directive (2011/65/EU + amendment 2015/863/EU)
CERTIFICATIONS	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



TEMALINE TK_L30 ORDERING

CODE	DESCRIPTION
TK_L30	Modern Design LonWorks Mullion style terminal for multi-reading technology. Includes reader (prox, smartcard, BLE), 2 supervised Inputs, and 2 open collector outputs for gate management. Supports BLE to read output from Honeywell Forge Occupant Experience. To be connected to TS2.

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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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