TECHOUSE III Series

Standard and mini RFID readers



Standard



Mini



Keypad

TECHOUSE III readers offer Standard and Mini enclosures, with keypad and specialist QR variants. Select 125 kHz HID Prox, DESFire and Bluetooth options when requesting a quote; configurations require TECHOUSE confirmation.

Design and functions

- 125 kHz options include EM, HID Prox, WSE and Indala.
- 13.56 MHz options include Mifare, Mifare Plus, DESFire EV1/EV2/EV3, LEGIC, FeliCa and Fudan CPU; SSID, PS21 and CEPAS options.
- Touch-sensor keypad with doorbell trigger when the star key is pressed.
- Controller-driven rim lighting provides access-status feedback.
- Universal backplate and non-drop bottom screw simplify installation.
- IP65, tamper protection, reverse-power protection and static-charge protection.
- Configurable Wiegand and OSDP outputs using a reader configuration card.

Configuration and operation

Configuration window	5 seconds by default or 30 minutes after power-up
Output format	32-, 34-, 56- or 64-bit CSN/UID forward/backward; file-content reading for programmed ID
Keypad output	4-bit / 8-bit / 26-bit
Buzzer	Reader and controller by default, or controller only
Rim light	Controller-driven blue, red and green; default white

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Technical specifications

Read range	2–8 cm, depending on RFID technology
Output	Wiegand + OSDP
Wiring distance	Wiegand 150 m / OSDP 1200 m; 22 AWG shielded cable
Supply / current	10–24 VDC / 160 mA max
Temperature	–20 to +70 °C
Humidity	10–90%
Standard dimensions / weight	120 × 85 × 26 mm / 166 g
Mini dimensions / weight	120 × 45 × 26 mm / 86 g
Housing / colours	PC + ABS / black or white
Protection	IP65; tamper, reverse-power and static-charge protection

Model selection

TECHOUSE part number: T3-[STD / MIN / KP]-[PX]-[DF]-[BT]-B

STD = Standard | MIN = Mini | KP = Keypad

PX = 125 kHz HID Prox | DF = DESFire | BT = Bluetooth

Include only selected technology codes. B = black housing.

Example: T3-MIN-DF-BT-B (DESFire + Bluetooth; no 125 kHz).

Contact sales for white housing, LEGIC or MIFARE.

All requested configurations are subject to TECHOUSE confirmation.