

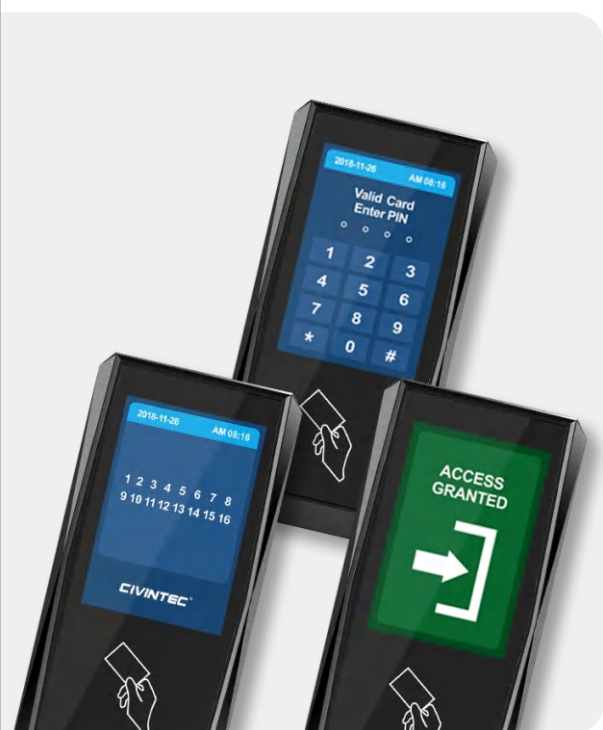
CT5

CRYSTAL TOUCH

3.5" Touch Screen Keypad Smart Card Reader
Advanced Secure OSDP Access Control Reader

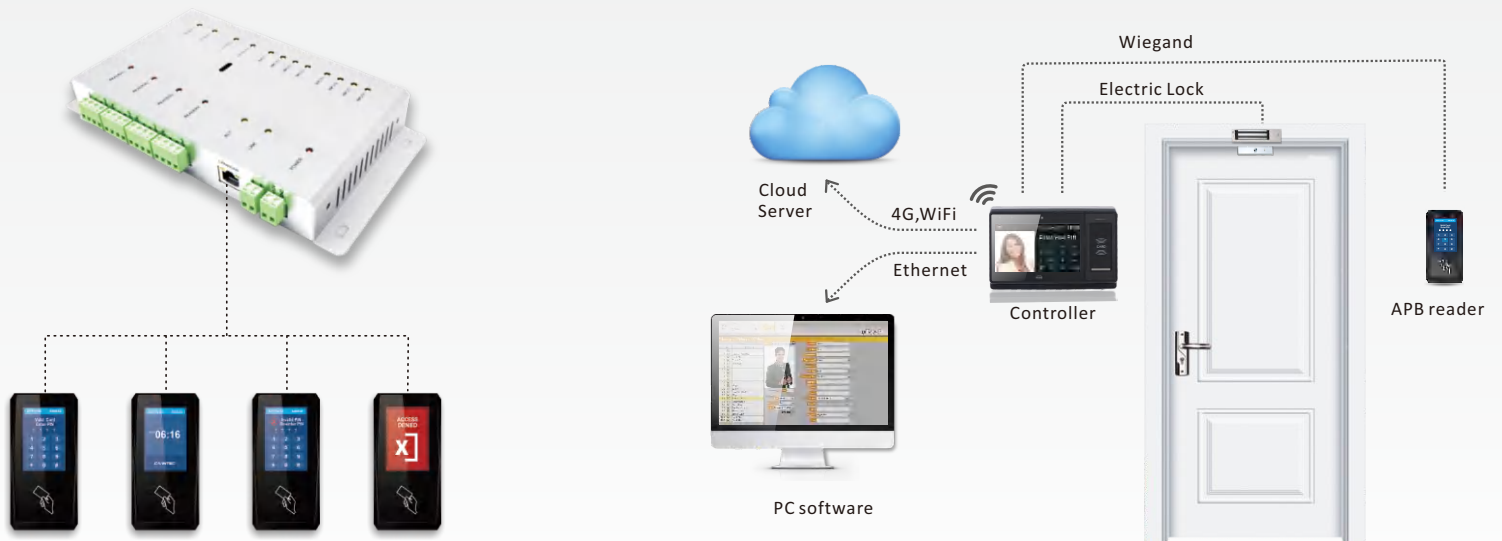


- ▶ CRYSTAL TOUCH provides a multiple platform of RF-ID technologies and communication interfaces equipped with an 3.5" touch screen in a timeless design. CRYSTAL TOUCH suite almost all kinds of applications and environments installations and to the highest level of security.



- ▶ CRYSTAL TOUCH incorporates with several chip technology and communication interfaces standards. For access control systems supporting OSDP secure channel a credential transaction can be complete AES 128 encrypted secured during the card reading and transmitting process between the reader and the access control controller. In addition to traditional radio frequency technologies such as 13,56MHz and 125KHz also BLE 5.0 and SAM AV2 are supported. This combination makes the product flexible for all kind of security applications and future technology requirements applicable for the security industry.
- ▶ The touch screen indicates in combination with display text and buzzer sounds a user-friendly and clear information in real time for the user. CRYSTAL TOUCH is tamper protected with a mechanical switch which allows for indication both on attempts of break off and manipulation of the reader.

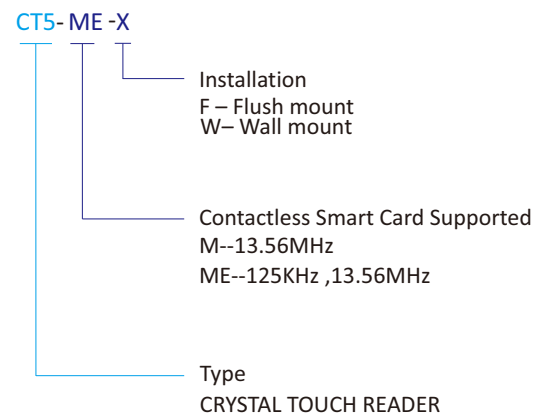
CRYSTAL TOUCH is with complete reader functionality and multiple & secure communication choices to work with the most of brand controllers on the market.



► SPECIFICATION

CRYSTAL TOUCH	CT5
Display	3.5" touch screen
Operation System	LINUX
Keypad	Touch PIN pad
ISO-protocol	125KHz, 13.56MHz ISO14443A/B, ISO18092 NFC
Contactless cards	125KHz Prox, 125KHz EM, 13.56MHz Mifare® Classic, Ultralight®, Ultralight®C, Mifare® Plus, DESFire® EV1/EV2, NFC tags (T2T, T4T)
Secure Access Module	ISO7816 (T=0, T=1) 1 SAM module, more on request
Communication Interface	1x Wiegand Out (26-1024bit), RS485 (OSDP protocol), BLE 4.0
Power Supply	9-30V DC
Indicator	Controllable buzzer and TP display, speaker with controllable volume
I/O Port	2*I/O Port, 1* tamper alarm switch
Installation	Terminal block connector, wall mount or flush mount
Protection Class	IP65 waterproof, avoid exposure to strong UV rays
Operation Temperature	-20 ~ +60°C
Operation Humidity	0-90% relative humidity non-condensing
Certification	CE & RoHs3

► ORDER CODE



► CONFIG CARD & SOFTWARE

With config card software & configuration cards, users can easily download all readers programmable parameters such as indication behaviours, custom unique encryption keys and communication interface settings.

