CIVINTEC®

CRYSAL TOUCH
CT9

3.5" TOUCH SCREEN RFID / MOBILE ID HTTP ACCESS CONTROL TERMINAL

3.5” TOUCH SCREEN
Waterproof
Outdoor Use

MOBILE KEY
QR CODE, BLE
ISO18092 NFC

RFID TAG
125KHz, 13.56MHz
with SAM AV2

INTERFACES
TCP/IP, RS485
Wiegand

CRYSTAL TOUCH family CT9 is Linux based HTTP server centralized terminal with TCP/IP Ethernet suitable for both LAN and Internet cloud server software communication, CT9 is with embedded relay control for both online server real-time monitor and standalone access control solution, no need of controller.

With stylish and elegant design, 3.5” touch screen and speaker sound give intuitive and user-friendly clear information to visitor, suite almost all kinds of applications and environments for indoor and outdoor installations and to the highest level of security.

Ct9 incorporates with several chip technology RFID dual 125KHz & 13.56MHz contactless smart card, ISO18092 NFC and BLE, QR CODE mobile phone access ID and SAM AV2. This combination makes the product flexible for all kinds of security applications and future technology requirements applicable for the security industry.

▸ SPECIFICATION

CRYSTAL TOUCH FAMILY	CT9
Display	3.5” touch screen
Operating system	Linux
RFID ISO-protocol	125KHz, 13.56MHz ISO14443A/B, ISO18092 NFC
Contactless cards	-125KHz Prox, 125KHz EM -13.56MHz Mifare® Classic, Ultralight® (C), Mifare® Plus, DESFire® EV1/EV2, NFC tags
Secure Access Module	ISO7816 (T=0,T=1) 1 SAM module, SAM AV2
ModMobile ID	ISO18092 NFC, BLE , QR CODE
Keypad	Touch screen keypad 12 keypad in 4 rows of 3 keys
Communication interfaces	TCP/IP, RS485, Wiegand input, BLE
Access control mode	Moible ID, Card or Pin, Card+Pin, Card only, Pin only
Online Card Users/Event logs	Unlimited
Offline Card Users/Event logs	10,000 users / 50,000 logs (more on request)
Network/Standalone	Both
APB access control	Yes, external wiegand reader
Indicator	Controllable buzzer and speaker, TP display
I/O port	3* inputs - door contact, door exit, Buzzer control 4* tamper alarm switch, output Buzzer control, Access Granted, Access Denied
Housing Dimensions	D=24mm, H=165mm, W=83.8mm
Power supply	9-30V DC
Installation	Terminal block connector, wall mount or flush mount
IP Protection	IP65 outdoor/indoor use
Operation Temperature	-20 ~ +60°C
Operation Humidity	0-90% relative humidity non-condensing
Certification	CE & RoHs3

*The specifications are subject to change without notice.

▸ ADVANTAGES

▸ ORDER CODE

CT9-MET-X

Installation
F – Flush mount
W– Wall mount

Interfaces
TCP/IP, RS485, Wiegand, BLE

Contactless Smart Card Supported
M--13.56MHz
ME--125KHz ,13.56MHz

Type
CRYSTAL TOUCH Terminal

CiVinTec Global Co.,Limited
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▸ Configuration

▸ CT9 SDK

Ct9 SDK includes developer guidance, HTTP commands, PC Host Demo with libraries, smart phone Demo App and example codes to ease your software development. HTTP commands is available for developer to get communication between CT9 and server software, workable for both LAN and internet server software integration.

SDK DOCUMENTS

- Developer Guidance
- HTTP/HTTPs commands
- PC Host DEMO with libraries (Windows)
- Smart Phone DEMO
- Example Code
- Debug tool

▸ CT9 HTP

HTP is plug & play hardware testing package, it includes all necessary accessories and software tool to establish full testing environment to greatly ease your test, development and firmware/system upgrading.

HTP PACKAGE

- Power supply
- TCP/IP network cable
- Firmware & software upgrade cable
- CC-Debugger cable
- Converter and cables
- Configuration tools & Testing Cards

HTP CONFIGURATION CARD

HTP offers CONFIG CARD software. With config card software & configuration cards, users can easily download all readers programable parameters such as indication behaviours, custom unique encryption keys and communication interface settings. No need to take reader off the wall. Present the “Configuraon Card” to CT9 to program it according to the settings on the card.