

DEN-BRAN-PLUS-CORP

For Medium Sized Office or corporates

Access Control Kit



Face / Palm / Card / Password ENTRY

FACE TERMINAL is a newly released Linux-Based Time Attendance & Access Control Terminal featured with the latest Visible Light Facial and Palm Recognition Technology. The device is incorporated with Computer Vision Technology and Deep Learning Algorithms which intelligently detect faces and enable touch-less palm authentication with novel hand tracking techniques.

Features:

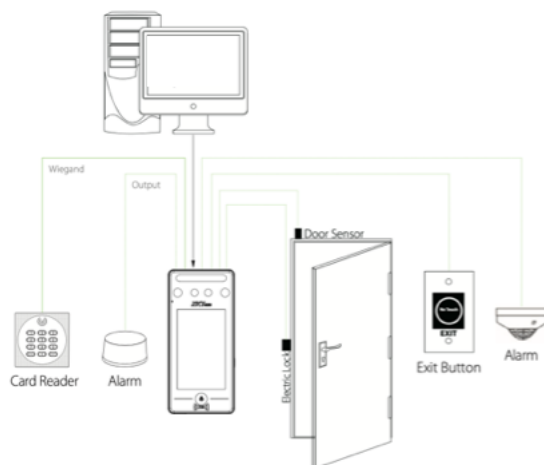
- Enhanced Safety & Hygiene
- Multi-Modal Verification:
 - Face / Palm / Card / Password
- Dual Card Modules:
 - 125kHz ID card (EM) / 13.56MHz IC card (RFID S50/S70 (13.56) MHz 1K/4K)
- Inbuilt Light Source with Auto-Adjustable Brightness
- Face Capacity: 1000 & Palm Capacity: 800

TECHNICAL SPECIFICATION:

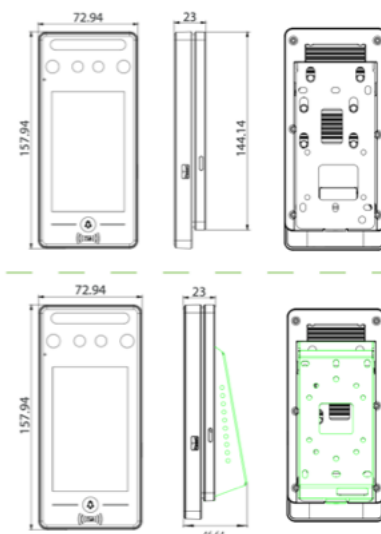
Display: 4" touch screen
 Face Capacity: 1000
 Palm Capacity: 800
 Card Capacity: 1000
 Transactions: 150000
 Operation System: Linux
 Standard Functions ID Card, ADMS, T9 Input, DST, Camera, 9-digit User ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verification Methods, Palm Recognition, WiFi
 Working Humidity: 10% ~ 90%
 Working Temperature: 0°C ~ 45°C (32°F ~ 113°F)

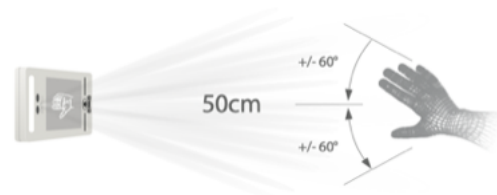
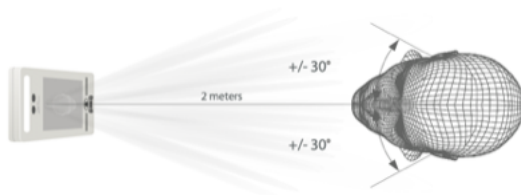
Hardware: 900MHz Dual Core CPU; 512MB RAM / 512MB Flash;
 2MP Binocular Camera; Adjustable LED Supplement Lighting
 Communication: TCP/IP, USB Host, WiFi, Wiegand Input/Output, RS485
 Access Control Interface: 3rd-party Electric Lock, Door Sensor, Exit Button, Alarm Output, Auxiliary Input
 Optional Function: 13.56MHz IC Card (RFID S50/S70 (13.56Mhz) 1K/4K Card)
 Facial Recognition Speed: ≤1s
 Biometrics Algorithms: ZKFace V5.8 & ZKPalm V12.0
 Power Supply: 12V 3A

Configuration



Dimensions (mm)





Card Reader for Exit terminal

Wiegand Card Readers
 125kHz EM or 13.56MHz Mifare card reader
 Wiegand interface

TECHNICAL SPECIFICATION:

Read Range: KRxxx-E: Up to 10CM, KRxxx-M: Up to 5CM
 Reading Time: ≤300ms
 Input Port External: LED Control, External Buzzer Control
 Output Port: KRxxx-E: 26bit Wiegand (Default), KRxxx-M: 34bit Wiegand (Default)
 Power/Current: DC 6-14V / Max.70mA
 LED: Red and Green LEDs
 Operating Temperature: -10°C to +65°C
 Material: ABS+PC with texture
 Operating Humidity: 10% to 90% relative humidity non-condensing
 Beeper: Yes



Operating frequency of 125 kHz, read range of 3 - 5 cms



Single Door Standalone Access Control

This Device is a standalone 1-door access controller with a built-in RFID reader and keyboard with mechanical buttons. The controller supports working with contactless cards Em-Marine or Mifare, a built-in relay controls electronic locks, exit the room by a button. Adding user keys using the master card.

TECHNICAL SPECIFICATION:

Controller type: Autonomous
 Number of keys: 1000 pcs
 Types of Writable Keys: Simple, Master
 Key Types: RFID (Proximity)
 Reader Protocol: Wiegand 26 optional
 Types of Passage Points: Door
 Actuator Types: Electromagnetic, Electromechanical
 Integrated reader: Yes
 Operating frequency of built-in reader: 125 kHz
 Integrated Reader Standard: Em-Marine, Mifare optional
 Reading range of the built-in reader: 1-15 cm
 Non-volatile memory (EEPROM): Yes

Supply voltage: DC 12V
 Current consumption: <100 mA
 Sound signal: Buzzer
 Visual indication: 1 x 2-color LED
 Duration of opening the electromagnetic lock: 0.2 - 99 sec
 Duration of opening an electromechanical lock: 0.2 - 99 sec
 Number of MOSFETs: 1
 Maximum current through MOS transistors: 3 A
 Operating temperature and humidity: 0 ° C ~ +60 ° C, 20% ~ 80%
 Body material: ABS plastic
 dimensions: 120 x 78 x 22 mm



Exit Push Button Metallic Body

Exit Push Button for Access control Door release for Exit

Access Control Kit Includes			
Sl	Product	Description	Quantity
1	Access Control Entry Terminal	Face+PIN+Proximity Card Reader Standalone Controller	1
2	Access Control Exit Terminal	Proximity Card Reader	1
3	Access Cards	Proximity Cards 125Khz	50
4	Standalone Access Control	Single Door Access Control Terminal	2
5	Exit Button	Exit Switch Metallic Body	2

Accessories - Not Included in this Kit can be Purchased on our eStore

1	Electromagnetic Locks for Wooden Door Single Leaf 9or0 Double Leaf Doors
2	Drop Bolt locks for Glass Door & Sliding Door

Please Note: Product Specification and Model can be Changed without any Prior Notice

Intrusion Alarm Kit - WIRELESS



25 zones, 16 zones programmable as delay, immediate, panic, fire, part and staff, 8 zones dedicated for wireless key-fobs & wireless panic switches, 1 dedicated tamper zone, Secure code hopping technology, Onboard 16 button keypad, 4 line back lit LCD display, Automatic arming and disarming at pre-programmed times, Two user codes – master and staff,

Part and Full arm modes for convenient daily use, Power failure, blown fuse, low battery indication on LCD display, Open zones are indicated on LCD display, Independent entry and exit delay times programmable from 2 to 255 seconds, Programmable sounder time from 2 to 20 minutes.

TECHNICAL SPECIFICATION:

ELECTRICAL

Quiescent current : 60mA
 Maximum current at internal sounder : 500mA
 Maximum sounder HT1 current output : 1A
 Sounder Saturation Voltage : <1V at 700mA

POWER SUPPLY

Mains supply Voltage : 220+10%-15% 50Hz
 Total current Output: 1000mA at 220 V AC
 Battery Voltage : 11.1 V DC
 Battery type : Lithium ion Rechargeable
 Battery Recharge Voltage: 12.4 V +/-0.2 V DC
 Fuse : 1000mA 20mm and 1000mA for sounder and Auxiliary Supply

ENVIRONMENTAL

Operating Temperature: 0C to 45C
 Storage Temperature: -20C to 60C
 Maximum humidity: 95% non-condensing
 Environment : residential / commercial / light Industrial

PHYSICAL

Dimensions : 230mm x 170mm x 50mm
 Max Battery Dimensions : 150mm x 110mm x 64mm

WIRELESS PIR MOTION SENSOR



WIRELESS PIR MOTION SENSOR

Microcontroller based, Secure code hopping technology, Uses nanowatt technology, Easy learning based configuration with control panel, Dual element pyroelectric sensor, Digital Signal Processor (DSP), Detection range up to 10m, Sealed optics, Walk test / Transmit LED, Low battery alert to control panel, Periodic health notification, Inbuilt tamper switch, Long lasting lithium battery, Sleek ABS Housing.

TECHNICAL SPECIFICATION:

Detection method Passive infrared and Microwave
 Coverage 12m x 12m(40ft x 40ft) 85°wide
 Detection zones 78 zones
 Mounting height 1.5 to 2.4m (5 to 8ft)
 LED alarm indicator Switchable ON/OFF
 Tamper switch N.C., Open when cover is removed.
 PIR sensitivity/range Switchable LOW/MID/HI

Warm up period Instant
 Power input 3.3Volt
 Current consumption 20µA (normal), 19mA (max.) at 3.3V DC
 Dimensions 89mm x 52mm x 39mm (with bracket)
 Weight Approx. 110 g (with bracket: 130 g)
 Operating temperature -20°C to +55°C
 Environmental humidity 95% max.
 RF interference No alarm 10V/m

WIRELESS MAGNETIC CONTACT



WIRELESS MAGNETIC CONTACT

Microcontroller based, Secure code hopping technology, Uses nano watt technology, Easy learning based configuration with control panel, Opening gap 15mm (maximum), Open and close transmission, Transmit LED, Low battery alert to control panel, Periodic health notification, Inbuilt tamper switch, Long lasting lithium battery, Sleek ABS Housing.

FEATURES:

Microcontroller based, Secure code hopping technology
 Uses nano watt technology, Easy learning based configuration with control panel
 Opening gap 15mm (maximum), Open and close transmission, Transmit LED

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WIRELESS SHUTTER CONTACT

Secure code hopping technology, Periodic health notification to control panel, Easy learning based configuration with control panel, Low battery alert to control panel, In-built tamper switch, Long lasting lithium battery, Opening gap 50mm (max), Sturdy glass filled nylon housing, Transmission unit in separate ABS housing to prevent impact damage

FEATURES:

- Secure code hopping technology
- Periodic health notification to control panel
- Easy learning based configuration with control panel
- Low battery alert to control panel



WIRELESS KEY FOB

Secure code hopping technology, Easy learning based configuration with control panel, Transmit LED, Low battery alert sent to control panel, Instant arm, delay arm, part arm and disarm buttons, Inbuilt wireless panic switch, Long lasting lithium battery, Sleek ABS Enclosure.

FEATURES:

- Secure code hopping technology
- Easy learning based configuration with control panel
- Transmit LED, Low battery alert sent to control panel
- Instant arm, delay arm, part arm and disarm buttons
- Inbuilt wireless panic switch, Long lasting lithium battery
- Sleek ABS Enclosure



SOUNDER 12V

High power 130 db, Police Siren Sound, Suitable for Indoor and Outdoor application.. Tamper Loop. Two sound speed options available. White ABS Housing.

Features:

- High power 130 db
- Police Siren Sound
- Suitable for Indoor and Outdoor application
- Tamper Loop
- Two sound speed options available
- white ABS Housing.



DIGITAL MULTI FUNCTION DETECTOR

Microcontroller based digital MFD specially designed for ATM application. Detects intrusion attempts on an ATM based on 4 logics, advanced sensing algorithms. Sleek ABS housing with 3 LED indicators. *NEW sleeker design with advanced digital technology*

Features:

- Microcontroller based digital MFD specially designed for ATM application.
- Detects intrusion attempts on an ATM based on 4 logics, Advanced sensing algorithms.
- Sleek ABS housing with 3 LED indicators.



SMART SENSOR

DENLOB's smart sensor is a stand-alone external PIR motion sensor with sensitivity, time, Lux, retrigger & bypass controls. Suitable for indoor and outdoor installation. Can switch up to 1000W electrical load. Security Device, Welcome Light, and Energy Saving Device.

Smart sensors turn on lights, fans, air conditioners, or any other electric device whenever any motion is detected in their coverage area and automatically turns them off when there is no motion.

Intrusion alarm Kit Includes			
SI	Product	Description	Quantity
1	Intrusion Control Panel-Wireless	Wireless 25 Zone Control Panel with Onboard Key Pad	1
2	PIR Motion Sensor- Wireless	Wireless PIR Motion Sensor with Intelligent Pet Immunity	3
3	Dual Technology Magnetic Contact-Wireless	Wireless Microcontroller based Dual Technology Magnetic Contac	2
4	Shutter Contact - Wireless	Wireless SHUTTER CONTACT	1
5	Key Fob	WIRELESS KEY FOB	1
6	Sounder	High power 130 db, Police Siren Sound	1
7	Standalone Sensor	Stand Alone Lock Sensor	1
8	Stand Alone Energy Saving	Stand Alone Energy Saving Sensor	1

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