

## DEN-PRE-PLUS-IND

This Starter package is Specially tailor made for Warehouses & Godowns which hold 10,000+ Square feet area.

### 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:

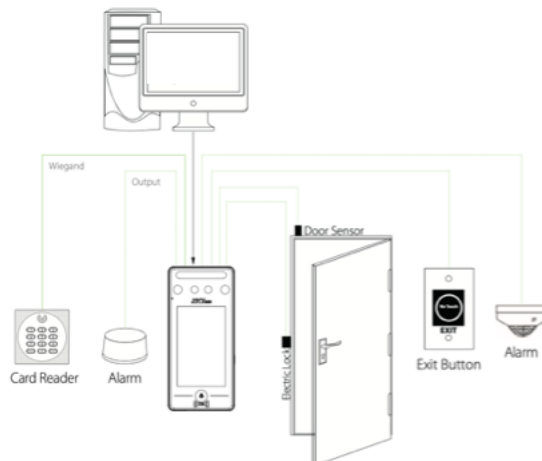
- Enhanced Safety & Hygiene
- Multi-Modal Verification:  
Face / Palm / Card / Password
- Dual Card Modules:  
125kHz ID card (EM) / 13.56MHz IC card (RFID S50/S70 (13.56) MHz 1K/4K)
- Inbuilt Light Source with Auto-Adjustable Brightness
- Face Capacity: 1000 & Palm Capacity: 800

### TECHNICAL SPECIFICATION:

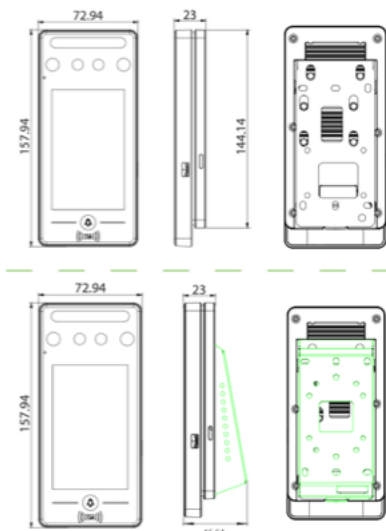
Display: 4" touch screen  
 Face Capacity: 1000  
 Palm Capacity: 800  
 Card Capacity: 1000  
 Transactions: 150000  
 Operation System: Linux  
 Standard Functions ID Card, ADMS, T9 Input, DST, Camera, 9-digit User ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, 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)



# DEN-PRE-PLUS-IND



## 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

Access Control Kit Includes			
SI	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

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

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



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

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



## 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.

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	2
5	Key Fob	WIRELESS KEY FOB	1
6	Sounder	High power 130 db, Police Siren Sound	1

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