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DEN-HQ-PLUS-CORP
For Big Corporates or Large Offices Space

Access Control Kit

FACE + FINGER PRINT + CARD ENTRY TERMINAL

Facial multi-biometric time & attendance and access control terminal supports up to 3,000 face templates, 4,000 fingerprint templates and 10,000 cards.
With DENLOL'S latest hardware plat-from and algorithm, it offers brand new UI and user-friendly operation interface to provide smooth user experience.

With advanced face algorithm and multi-biometric verification technology, the terminal's security level of verification is significantly enhanced.
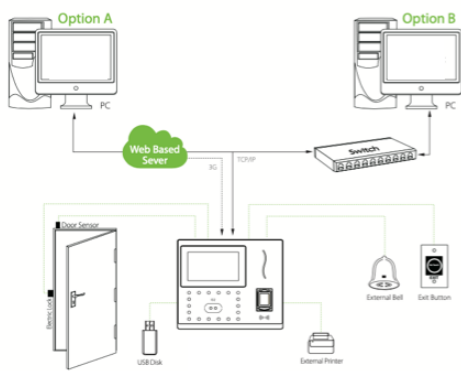
FEATURES:
• 3, 000 face and 4,000 fingerprint templates
• Multi-language
• High verification speed
• Advanced and user-friendly UI
• Optional built-in battery backup, providing approximately 4 hours of continuous operation
• New Framework firmware, easy to extend functions and customise client's requirements
• One face template is registered for one user only
• Able to detect whether the face is an actual face or a photo, enhancing the security level of verification

TECHNICAL SPECIFICATION:

• Display: 4.3-Inch Touch Screen
• Face Capacity: 3,000
• Fingerprint Capacity: 4,000
• ID card Capacity: 10,000
• Logs Capacity: 100,000
• Communication: TCP/IP, USB Host, WiFi (optional)
• Standard Functions: Automatic Status Switch, Self-Service Query, Work Code, SMS, DST, T9 Input, 9 Digit User ID, Scheduled Bell, Photo ID
• Optional Functions:RFID S50/S70 IC Card (13.56 MHz), 3G, ADMS, 2000 mAh Backup Battery
• Power Supply: 12V 3A
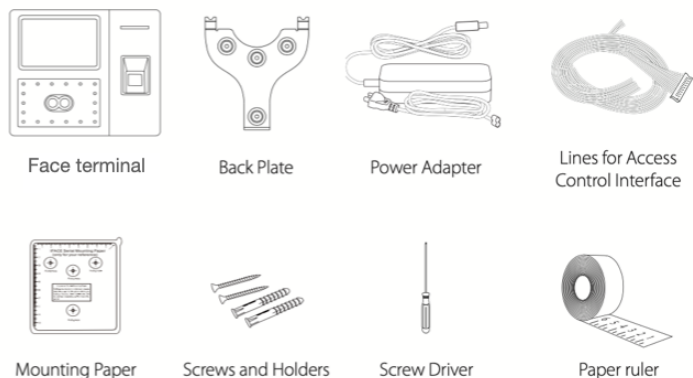• Operating temperature: 0 °C- 45 °C
• Operating Humidity: 20%-80%

Configuration

What's in the Box

Face terminal   Back Plate   Power Adapter   Lines for Access Control Interface

Mounting Paper   Screws and Holders   Screw Driver   Paper ruler

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Finger Print Reader for Exit terminal

fingerprint reader with RS485 communication interface works with biometric access controllers and fingerprint standalone access control, including inBIO series controllers, F8 and so on. It offers the function of capturing and transferring fingerprint samples to access control panel. With its IP65 rated rugged structure, Device offers extra durability in all weather conditions including outdoor environments.

TECHNICAL SPECIFICATION:

CPU: 324 MHz
Fingerprint Sensor: Small Size Sensor
Algorithm Version: Finger VX10.0
Communication: RS485
Standard Function: ID Card Module
Optional Function: RFID S50/S70 IC Card (13.56Mhz) 1K/4K Module
Voice Prompt: Buzzer
Power Supply: DC 12V
Operating Temperature: 0 ~ 45°C (32°~113°F)
Protection Grade: IP65
Dimension(L x W x H): 102 x 50 x 37mm

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

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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 + Finger + Card with access Entry Terminal	1
2	Access Control Exit Terminal	Finger Print Exit Reader	1
3	Stand alone Access	Single Door Access Control	2
4	Exit Button	Manual Exit Button	2
5	Access Cards	Proximity Cards	100

	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

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Micro-controller based 24 zones control panel, Can expand up to 40 wired zones with expansion modules, Can connect up to 14 wireless sensors and key fobs by adding wireless receiver, Automatic arming and disarming, 1 admin user and 3 defined sub users, Inbuilt 2 Voice Message 20 number GSM dialer with multiple alarm and status SMS, Alarm Information communicated over GSM with alarm type, zone no, time and date Status SMS in case of system arm, disarm, code change, power on, power off & low battery, Android app to operate and program panel and receive alarm and status messages from panel, Sturdy sheet metal enclosure with advance technology tamper detection.

FEATURES:
Micro-controller based 24 zones control panel
Can expand up to 40 wired zones with expansion modules
Can connect up to 14 wireless sensors and key fobs by adding wireless receiver
Automatic arming and disarming, 1 admin user and 3 defined sub users
Inbuilt 2 Voice Message 20 number GSM dialer with multiple alarm and status SMS.

QUAD P.I.R. MOTION SENSOR

Digital Quad Technology PIR Motion Sensor with Intelligent Pet Immunity. Detection Range 12m, Multi Angle wall bracket. ABS Housing.

TECHNICAL SPECIFICATION:

Detection method Passive infrared
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
Alarm period Approx. 2.5 sec
Alarm output N.C., 24VDC 0.2A max.
Tamper switch N.C., Open when cover is removed.
Tamper output 24VDC 0.1A max.
PIR sensitivity/range Switchable LOW/MID/HI
Warm up period Approx. 30 sec
Power input 9.5 to 16VDC
Current consumption 8mA (normal), 11mA (max.) at 12VDC
Dimensions H93.4mm x W61.4mm x D46.0mm
Weight Approx. 70 g (with bracket: 90 g)
Operating temperature -20°C to +50°C (-4°F to +122°F)
Environmental humidity 95% max.
RF interference No alarm 10V/m

FEATURES:
Digital Quad Technology PIR Motion Sensor with Intelligent Pet Immunity.
Detection Range 12m
Multi Angle wall bracket.
ABS Housing.

DUAL TECH MAGNETIC CONTACT

Microcontroller based Dual Technology Magnetic Contact with inbuilt Digital Multi Function Detector. Magnetic Contact Opening Gap 12-15mm. Inbuilt Digital Multi Function Detector. Detects vibration, breaking off glass, cutting off aluminium frames or grills.

Features:

Microcontroller based Dual Technology Magnetic Contact with inbuilt Digital Multi Function Detector.
Magnetic Contact Opening Gap 12-15mm.
Inbuilt Digital Multi Function Detector.
Detects vibration
Breaking of glass
Cutting off aluminium frames or grills.

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METAL SHUTTER CONTACT

Metal housing, material aluminium alloy, 2 wire , contact rating 10W, Opening gap 50 – 60mm.

Features:

Metal housing
Material aluminium alloy
2 wire
Contact rating 10W
Opening gap 50 – 60mm.

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.

BEAM DETECTOR 40 Mtr

Beam Detector with dual beam, 40 meter detection range, High grade spherical lens, Automatic Gain Control, Adjustable beam interruption period, IP 65, Lightning protection, Easy angle alignment.

Features:
Beam Detector with dual beam
40 meter detection range
High grade spherical lens
Automatic Gain Control
Adjustable beam interruption period

TECHNICAL SPECIFICATION:

Detection Range : 40 Meter
Arrival Distance : 400 Meter
Technology : IR interruption detection time frame selectable 50msec/100msec/250msec/500msec
Operating Voltage : 11V DC to 28V DC
Rating Current : 38 mAmp
Alarm Contact : Normally Connected 28V DC , 0.2Amp
Beam Blocking Stability : 99%
Operating Temperature : 60 degrees Max.
Environmental Humidity : 95%
Alignment Angle : 90 degrees H , 5 degrees V

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ACOUSTIC GLASS BREAK DETECTOR

Intelligent acoustic-based detection of breaking glass. Securico's Acoustic glass break detector helps in detecting the intrusion attempts into an area by breaking a window or glass.

Detecting destruction of the following types of glasses: common, quenched, patterned, armoured, multilayer and protected with polymer tape (laminated), glass hollow blocks, as well as standard double- and triple-chamber windows, adjustable sensitivity.

FEATURES OF ACOUSTIC GLASS BREAK DETECTOR :
Intelligent acoustic-based detection of breaking glass.
Detecting destruction of the following types of glasses: common, quenched, patterned, armored, multilayer, and protected with polymer tape (laminated)
Detection range: 6-9m
Installation height: 2m
Alarm Message Duration: Not less than 2 sec
Generates Alarm message by alarm loop contact opening

TECHNICAL SPECIFICATION:

Power supply, V DC : 9 to 17 V
Current consumption, max : 22 mA
IP rating : Ip30
Operating temperature : -20° to +45°C
Dimensions : 65x65x30 mm
Detection range : At minimum controlled area of 0.1 m2: 6 m
At minimum controlled area of 1.0 m2: 9 m

Foot Panic Switch

Micro switch technology, foot pedal push, automatic reset, ABS body, metal base.

Features:
Micro switch technology
Foot pedal push
Automatic reset
ABS body
Metal base.

Technical Specification:
Contact O/P : Normally Closed/ Normally Open
Housing : ABS
Colour : Grey
Rated Current : 12V to 28VDC
Dimensions : (L) 83mm x (W)80mmx (H)30mm

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.

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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.

STAND ALONE SMART SWITCH

DENLOB's smart switch is a stand-alone ceiling PIR motion sensor with sensitivity, time, lux, retrigger & bypass controls. Energy Saving Device, Automatic Switch, and Security Device. Can switch up to 400W electrical load.

	Intrusion alarm Kit Includes		
SI	**Product**	**Description**	**Quantity**
1	Intrusion Control Panel-Wired	Micro-controller based 24 zones control panel, Can expand up to 40 wired zones with expansion	1
2	PIR Motion Sensor	PIR Motion Sensor with Intelligent Pet Immunity	6
3	Dual Technology Magnetic Contact	Microcontroller based Dual Technology Magnetic Contac	4
4	Shutter Contact	METAL SHUTTER CONTACT	1
5	Sounder	High power 130 db, Police Siren Sound	2
6	Beam Detector 40Mtr	BEAM DETECTOR 40 Mtr	1
7	Glass break Detector	Glass Break Detector	5
8	Lock Sensor	Stand Alone Lock Sensor	1
9	Energy Saving Sensor	Stand Alone Energy Saving Sensor	1
10	Panic Switch	Foot Panic Button	1
11	Smart Lighting Control	Smart Switch for Lighting control	1

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