

Access Control Systems



Basic Access Control and Lock Systems

3 digit- LN-1155-U1 / U1-11

Lande LN-1155-U1 locks by Emka are swing handle mechanical 3 digit combination locks for universal applications.

Features: LN-1155-U1 offers access to cabinets via mechanical 3 digits combination lock with additional key for alternative access possibilities or emergency situations. This allows access to cabinets either with 3 digit passwords or a key. This access opportunity can be extremely useful for field operations where different access solutions are required for hosting companies and customers. Moreover, combination lock's password can be set from 000 to 999 for personalized security.

Enhancing securing with different key passwords is also possible up to 500 different passwords which allows unique access for each customer in colocation applications.

Features and usage details:

- Polyamide body and handle (GF: Glass Fiber).
- Customizable encryption option with 3 digits combination lock.
- Standard key is delivered along with standard set. On demand, keys with up to 500 different encryptions can be provided.
- Single point or multi point locking systems are available depending on the type of rack provided by Lande.
- Protection class: IP65, suitable for outdoor usage.
- V2 flammability resistance level.
- If the 3 digit password is forgotten: a key is required to reset a new password.

*** For Spare key needs, please record the number of the key in your database for future inquiries.



LN-1155-U1



LN-1155-U1-11

LN-1155-U1 Lande mechanical 3 digits secure locks (Emka)- single point locking applications

LN-1155-U1-11 Lande mechanical 3 digits secure locks (Emka)- 3 points espagnolette locking rod applications

Basic Access Control and Lock Systems

Assa - Kaba Compatible LN-1225-291 / 198

Features: KABA and ASSA compatible handles for standard network cabinets or telecom and industrial applications.

Features and usage details:

- Polyamide body and handle (GF: Glass Fiber)
- Single point or multi point locking systems are applicable depending on the type of rack provided by Lande.
- Protection class: IP65, suitable for outdoor usage.
- V2 flammability resistance level.
- Lock handles do not include KABA or ASSA cylinders.



LN-1225-291
KABA HANDLE



LN-1225-198
ASSA HANDLE

LN-1225-291 Lande mechanical KABA cylinder compatible swing handle

LN-1225-198 Lande mechanical ASSA cylinder compatible swing handle

Emka Individual Keypad Integrated Cabinet Access Control and Lock Systems

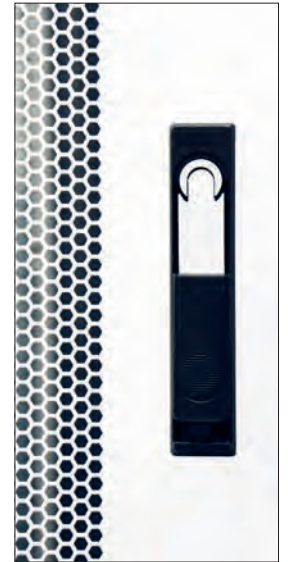
LN-2100 - Standalone System

LN-2100 Lande Keypad Integrated Access Control System by Emka. Swing handle digital lock system with integrated keypad and lock for universal applications.

Features: Lande LN-2100 offers digitally encrypted and mechanical keyed access to the cabinets. Digital encryption is provided by LN-2100-U151 front door lock and LN-2100 rear door lock which is being operated by front door. Access by keypad offers 6 digits password encryption.



LN-2100-U151



LN-2100-U1

LN-2100-U151 Lande standalone keypad integrated front door lock (Emka) - single or multi point locking applications

LN-2100-U1 Lande electro-mechanic rear door swing handle (Emka) - single or multi point locking applications

*** Rear electro-mechanical swing handle is being operated via front door's keypad.

Features and usage details:

- Polyamide body (GF: Glass Fiber) and zamak handle.
- Suitable for large datacenters, indoor & outdoor telecom applications, micro & mini datacenters, colocation compartments in hosting datacenters.
- Different passwords can be assigned for front (5 passwords) and rear (5 passwords) doors which allows 5 user authorization. for front and/or rear access.
- Single point or multi point locking systems are applicable depending on the type of rack provided by Lande.
- Protection class: IP40.
- V2 flammability resistance level.
- In factory settings, access passport is 6 digits of 0. Initially, a new (master) password has to be set by customer. If the user level password is forgotten, master password can be used for resetting user level password.

Lande Remote Access Control and Lock Systems

LN-AC-LOCK-E - Standalone Remote Access Control System

LN-AC-LOCK-E; Lande Remote Access Control System offers access control functions with environment monitoring functions that allows remote monitoring of important data centre variables, such as; door status, temperature, humidity, water leakage etc. This product makes data centers globally accessible through a secure web page, IOS and Android applications. The product also keeps logs to any other software or building management (BMS) systems.

Lande **LN-AC-LOCK-E** measures, monitors, records and controls the environmental variables. It does not need any computer/server connection to operate and communicates through standard LAN Ethernet connection. Compatible with industrial standard sensors, easy to install, flexible and reliable.

The **LN-AC-LOCK-E** already has a built in temperature & Humidity sensor in standard shipping configuration. Additionally 2 more digital input (dry contact) sensors can be added like: door open/close sensor, water leakage sensor.

LN-AC-LOCK-E reports current status and notifies abnormalities instantaneously via e-mail, SMS, SNMP.

The data and all algorithms are created, recorded or transferred via **LN-AC-LOCK-E** it is end to end encrypted. So it is secure against external or internal sabotage attacks.

LN-1150-U56 Lande/Emka electro-mechanic-keylock and led light integrated swing handle - single or multi point locking applications, EK333 key password.

LN-1150-U56-V Lande/Emka eletromechanic-keylock and led light integrated swing handle - single or multi point locking applications, different key password-up to 500 different key passwords.

Features and usage details:

- Polyamide body (GF: Glass Fiber) and Zamak handle.
- Standard unique key password EK333. Available with up to 500 different key passwords.
- Suitable for large datacenters, indoor & outdoor telecom applications, micro & mini datacenters, colocation compartments in hosting datacenters.
- Product is integrated with a green led indicator. Once an impulse is sent from authentication component (such as; keypad-RFID reader, etc.), led indicator emits light. Once the led indicator is active, the door is open.
- If for a certain period of time (15 seconds as factory settings) the handle is not opened, it automatically locks.
- Single point or multi point locking systems are applicable depending on the type of rack provided by Lande.
- Protection class: IP54, suitable for outdoor usage.
- V2 flammability resistance level.



LN-AC-LOCK-E



LN-1150-U56

LN-1150-U56-V

Lande Access Control and Lock Systems

Intelligent - Monitored / Managed LN-AC-LOCK-P



LN-AC-LOCK-P



LN-1150-U56 and LN-1150-U56-V
Emka Electro-mechanic Handle



LN-AC-KYP
EXTERNAL KEYPAD



LN-AC-RFID-OUT
EXTERNAL RFID
CARD READER



LN-AC-FP
FINGER PRINT READER



LN-AC-RR
RETINA READER



Double Authentication Select from different part nrs
LN-AC-KYP + LN-AC-RFID-OUT

LN-AC-LOCK-P; Lande Intelligent Access Control System offers access control functions with environment monitoring functions and allows remote monitoring of important data centre variables, such as; door status, temperature, humidity, water leakage, smoke etc. **LN-AC-LOCK-P** can control locks of up to 12 cabinets with RS 485 connectors.

Device makes data centers globally accessible through a secure web page, IOS and Android applications. The product also records logs to be used for reporting and analysis with an option for extraction and integration to any other software or BMS systems.

Lande **LN-AC-LOCK-P** measures, monitors, records and controls the environmental variables. It does not need any computer/server connection to operate and communicated through standard LAN Ethernet connection. Compatible with industrial standard sensors, easy to install, flexible and reliable.

LN-AC-LOCK-P reports current status and notifies abnormalities instantaneously via e-mail, SMS, SNMP. The data and all algorithms are created, kept or transferred via **LN-AC-LOCK-P** end to end encrypted. So it is secure against external or internal sabotage attacks.

LN-AC-LOCK-P / Compatible Swing Handle Details

LN-1150-U56 and LN-1150-U56-V Product Features

LN-1150-U56 Lande - Emka electro-mechanical-keylock and LED light integrated swing handle-single or multi point locking applications, EK333 key password.

LN-1150-U56-V Lande - Emka electro-mechanical-keylock and led light integrated swing handle - single or multi point locking applications, different key passwords up to 500.



Features and Usage Details:

- Polyamide body (GF: Glass Fiber) and zamak handle.
- Standard unique key password EK333. Customization option with up to 500 different key passwords.
- Suitable for large datacenters, indoor & outdoor telecom applications, micro & mini datacenters, colocation compartments in hosting datacenters.
- Product is integrated with a green led indicator. Once an impulse is sent from authentication component (such as; keypad-RFID reader, etc.), led indicator emits light. Once the led indicator is active, the door is open.
- If for a certain period of time (15 seconds as factory settings) the handle is not opened, it automatically locks.
- Single point or multi point locking systems are applicable depending on the type of rack provided by Lande.
- Protection class: IP54, suitable for outdoor usage.
- V2 flammability resistance level

LN-AC-LOCK-P

Intelligent Access Control System

Product Features



Intelligent Access Control System

Technical Specifications

Power consumption	12 volt DC 600 mA
Size	190 (W) x 105 (D) x 35 (H) mm
Weight	480 gr
COMM connection	RS 485
Device operating limits	-20°C~80°C , %85 R.H.
Built-in sensor working temperature	0°C~80°C , %95 R.H.
Value measurement range	750 Ms
Measurement value	°C
Precision	±2% standard
GSM number identification	Yes
Limit setting	Upper and lower limit can be defined
Data communication	Communication with standart TC IP structure or GPRS
Data delivery period	Adjustable data delivery period
Humidity and heat	External humidity and heat sensor (optional)
Door sensor	On- Off magnetic sensor (optional)
Water leak	External flood/water leakage sensor (optional)
Emergency SMS	Available (optional)
Emergency Mail	Available

LN-AC-LOCK-P / Components

LN-AC-KYP Keypad

Product Features



Technical Specifications	
Power consumption	12 volt 20 mA
Size	55 (W) x 80 (D) x 15 (H) mm
Weight	30 gr
Keypad communication protocol	RS 485
Keypad input	10 numbers - 2 digits
Users	50 users

LN-AC-LOCK-P / Components

LN-AC-RFID-OUTRFID Card Reader

Product Features



LN-AC-RFID OUT
External RFID Card Reader

LN-AC-RFID IN
Internal RFID Card Reader
Inner Surface Mounted

Technical Specifications	
Power consumption	5 volt
Operating frequency	13,56 MHz
Operating amper	13-26 mA
Sleeping amperage	<80 uA
Communication protocol	RS485
Card size	W40 x H60 mm
Supported cards	Mifare1 S50, mifare1 S70 mifare ultralight, mifarepro and mifare desfire

LN-AC-LOCK-P / Components

LN-AC-FP Finger Print Reader

Product Features



Technical Specifications	
Finger print data capacity	9.000 pcs
Card capacity	16.000 pcs
Memory	32.000 pcs
Standards	EN Standard / ISO 14443A / ISO 15693 / ISO 14443A/B +15693
Reading distance	5-10 cm
Voltage	10-24 VDC.
Power consumption	<5W
Communication	Rs 485 / TCP / IP Ethernet
Access methods	Finger print
Operating temperature	-10°C + 60°C
Digital input	3 output button / 3 door sensor
Relay output	1 alarm relay / 1 door relay
Door delay	0,0.1-600 sec adjustable
Alarm delay	0,0.1-600 sec adjustable
Tamper resist switch	Limit switch (from C)
Protection class	IP55
Buzzer alarm	One wire water leakage sensor
Dimensions	127x147x65 mm

LN-AC-LOCK-P / Components

LN-AC-RR Retina Reader

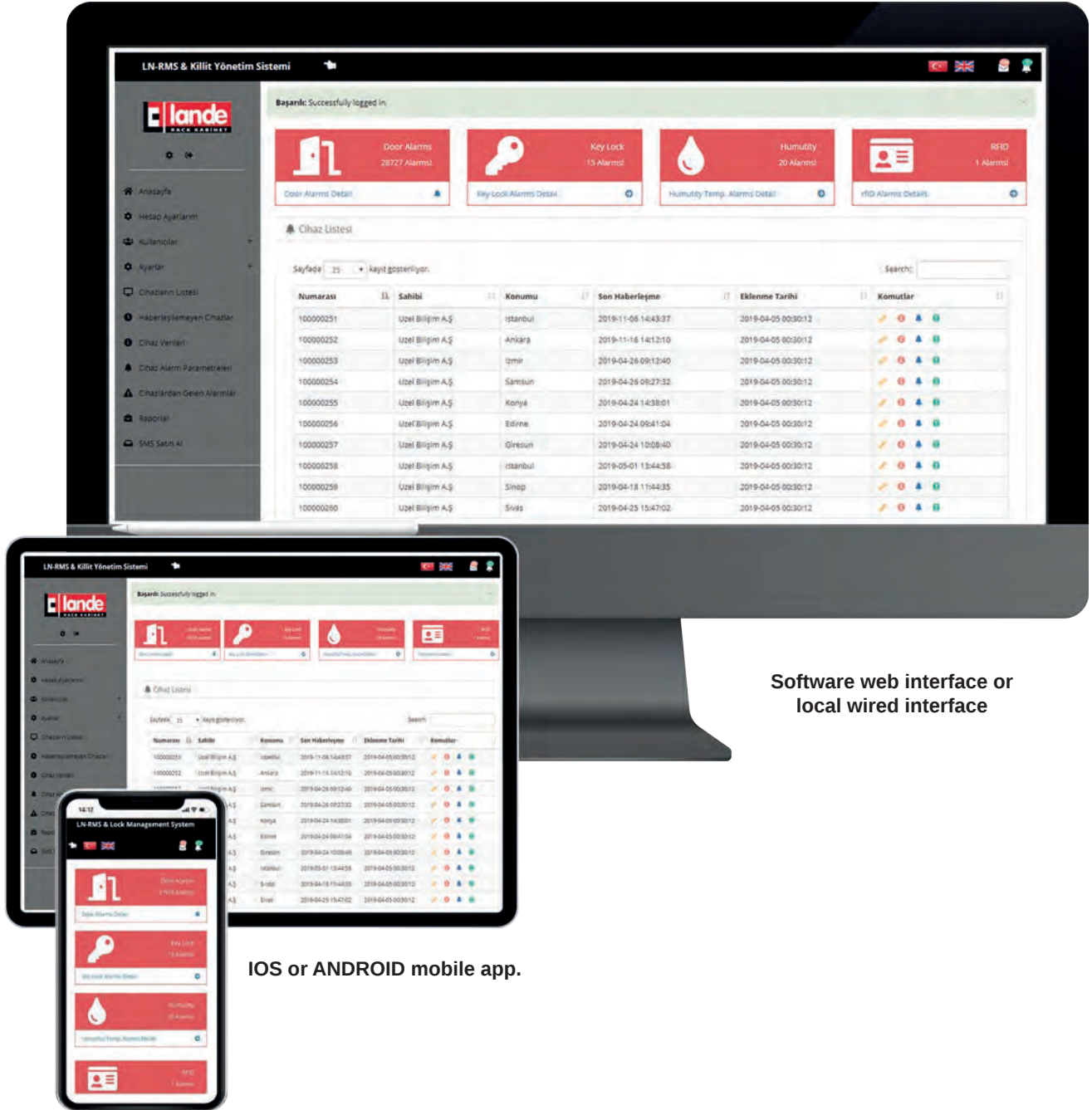
Product Features



LN-AC-RR-Lande intelligent cabinet access control systems
External retina reader module

Technical Specifications	
Retina reading distance	20-60cm
Retina recording capacity	150 pcs
Log recording capacity	50.000 pcs
Communication Protocol	TCP/IP Ethernet
Voltage	10-24 VDC.
Power consumption	<10W

Software Interface and Mobile Application



Software web interface or local wired interface

IOS or ANDROID mobile app.



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