

Environment Monitoring System Sensors & Modules



Lande Cam

LN-EMS-CAMS

FEATURES

- Photography – video camera
- 120 degrees lens
- Night vision
- 20 picture/minute frequency
- Mounting kit
- 10 m photography range



LANDE CAM TECHNICAL SPECIFICATIONS	
Dimensions	40 x 40 x 30 mm
Weight	230 gr
Voltage	5 Volt
Current	500 - 1000 ma
Communication protocol	Communication via standard TCP IP structure or GPRS
Warranty	2 Years
Measurement precision	±2% standard
Device operating limits	Temperature: -20°C - 80°C, Humidity: up to 85% RH
Measurement frequency	20 pictures/minute
Limit adjusting	Adjustable upper-lower limits

Lande Smoke Sensor

LN-EMS-SS

- FEATURES
- High precision
 - 12 Volt input
 - 85 db sound
 - Testing button
 - Optical sensor
 - Wireless
 - Easy mounting



LANDE SMOKE SENSOR TECHNICAL SPECIFICATIONS			
Dimensions	Weight	Voltage	130x 130 x 35 mm
Current	Communication		200 gr
protocol	Warranty		12 Volt
Measurement	precision		40 ma
Device	operating		Digital NC/NO dry contact
temperature	Measurement		2 years
frequency	Limit adjusting		±2% standard
			0°C - 50°C
			20 measurements/minute
			Adjustable upper-lower limits

Lande Temperature and Humidity Sensor

LN-EMS-HHS

FEATURES

- High precision
- Temperature and humidity measurement with a single device
- Calibrated digital measurement
- 2 m cable
- Compatible with indoor operations



LANDE TEMPERATURE AND HUMIDITY SENSOR TECHNICAL SPECIFICATIONS	
Dimensions	50 x 33 x 18 mm
Weight	45 gr
Voltage	3.3 Volt DC
Current	20 ma
Communication protocol	Communication via standard TCP IP structure or GPRS
Warranty	2 years
Measurement precision	±2% standard
Device operating limits	Temperature: -20°C - 80°C, Humidity: up to 85% RH
Measurement frequency	750 ms
Limit adjusting	Adjustable upper-lower limits

Lande Leak Sensor

LN-EMS-LS

FEATURES

- High precision
- Compatible with EMS systems
- Can be connected to and EMS system as a sensor
- Can be connected to alarm systems
- Easy mounting



LANDE LEAK SENSOR TECHNICAL SPECIFICATIONS			
Dimensions	Weight	Voltage	50 x 33 x 18 mm
Current	Warranty		45 gr
Measurement	precision		3.3 Volt DC
Device	operating		10 ma
temperatures	Measurement		2 years
frequency Limit adjusting			±2% standard
			0°C - 80°C
			750 ms
			Adjustable upper-lower limits

Lande Air Quality Sensor

LN-EMS-AQS

FEATURES

- Measures the concentration of sulphur, benzene, water vapor, smoke and other harmful gases (NH₃, NO_x, Alkol, CO₂ vb)
- Analogue input
- Output Voltage alters incrementally, depending on the gas concentration in the air
- High precision
- Long life span
- Fast response
- Easy mounting



LANDE AIR QUALITY SENSOR TECHNICAL SPECIFICATIONS	
Dimensions	50 x 33 x 18 mm
Weight	60 gr
Voltage	3.3 Volt DC
Current	300 ma
Communication protocol	Communication via standard TCP IP structure or GPRS
Warranty	2 years
Measurement precision	±2% standard
Device operating limits	-20°C~80°C
Measurement frequency	0-2000 ppm
Limit adjusting	Adjustable upper-lower limits

Lande Magnetic Door Sensor

LN-EMS-KMS-C

FEATURES

- 2 Meter wire
- 3 cm sensing distance
- On / Off dry contact working



LANDE MAGNETIC DOOR SENSOR TECHNICAL SPECIFICATIONS

Dimensions	30 x 12 x 8 mm
Weight	25 gr
Communication protocol	NO – NC Dry contact
Warranty	2 years
Measurement precision	On / Off
Device operating limits	-20°C~80°C
Device operating humidity	Humidity: %0 - 85 RH
IP Protection Class	IP 68

Lande Rope Type Leak Sensor

LN-EMS-RTLS

FEATURES

- Rope type sensor monitors territorial water/liquid leakages
- Water creates a conductive bridge between the probes to complete the circuit and send a signal to emergency system
- Can be used to maintain security in places such as; data centres, computer rooms, machine platforms, electric control rooms, HVAC systems etc.



LANDE ROPE TYOE LEAK SENSOR TECHNICAL	
Dimensions Weight Voltage	3 meters standard
Current Measurament range	130 gr
Warranty Measurement	3.3 Volt DC
precision Device operating	10 ma
temperature Measurement	1-3 Volt DC
frequency Limit adjusting	2 years
	±2% standard
	0°C - 60°C
	750 ms
	Adjustable upper-lower limits

Lande Information Display

LN-EMS-MINI-001

FEATURES

- 2X8 LCD screen • Integrated temperature and humidity sensor • Shows all the preferred information • High precision • Siren can be connected via digital output

*** There is no ready housing for Lande Information Display on any of the Lande cabinets. Please consult with Lande sales representatives. Lande offers a special cut out on the front door with designed housing of the unit.



LANDE INFORMATION DISPLAY TECHNICAL SPECIFICATIONS

Dimensions	60 x 35 x 25 mm
Weight	80 gr
Voltage	5 Volt
Current	300 ma
Communication protocol	Communication via standard TCP IP structure or GPRS
Warranty	2 years
Measurement precision	±2% standard
Device operating limits	Temperature: -20°C - 80°C, Humidity: up to 85% RH
Measurement frequency	750 ms
Limit adjusting	Adjustable upper-lower limits

Lande Flasher Siren

LN-EMS-FSS

FEATURES

- Resistance to external environments
- Alarm with light and sound
- 2 programmable sound
- Outdoor siren (single buzzer)
- Time restriction feature
- Protection against solid bodies and water compatible with IP 34 standards



LANDE FLASHER SIREN TECHNICAL SPECIFICATIONS	
Dimensions	125 x 75 x 45 mm
Weight	80 gr
Voltage	12 Volt
Current	500 - 1000 ma
Communication protocol	Communication via standard TCP IP structure or GPRS
Warranty	2 years
Measurement precision	±2% standard
Device operating limits	Temperature: -20°C - 80°C, Humidity: up to 85% RH
Measurement frequency	750 ms
Limit adjusting	Adjustable upper-lower limits

Lande GSM Module

LN-EMS-GSM

FEATURES

- Compatible with all RS 232 devices
- Enhanced reception with external antenna
- Sensor connection with digital input
- Compatible with all alarm systems with RS 232 output
- Easy to use with SIM card



LANDE GSM MODULE TECHNICAL SPECIFICATIONS			
Dimensions	Weight	Voltage	120 x 65 x 30 mm 220 gr 5 Volt 500 ma Standard RS232
Current	Communication		connection 2 years ±2% standard 0°C - 80°C 750 ms
protocol	Warranty		
Measurement	precision		
Device	operating		
temperature	Measurement		
frequency			

Lande Energy Analyser

LN-EMS-EA

FEATURES

- Single-phase and three-phase compatibility
- Measurement up to 80 Amperes
- Compatible with all devices with RS 232 output
- Compatible with environmental monitoring sensors
- High precision measurement; %0,1
- Compact design
- Compatible with energy monitoring systems
- Shows power consumption instantaneously



LANDE ENERGY ANALYSER TECHNICAL SPECIFICATIONS

Dimensions	86 x 69 x 59 mm
Weight	130 gr
Voltage	5 Volt
Current	750 ma
Communication protocol	Communication via standard TCP IP structure or GPRS
Warranty	2 years
Measurement precision	±1% standard
Device operating limits	0°C - 60°C
Measurement frequency	750 ms
Limit adjusting	Adjustable upper-lower limits

