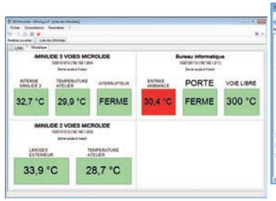
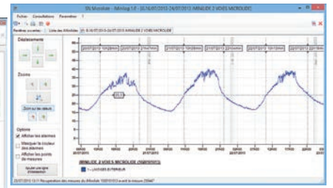
i-MINILide

Software

➜ PC Software: graphs, scales, real values





Web

Report

➜ Data-sending on the Microlide webserver via the rooter
Consultation of the last 10 downloaded days on Smartphone or PC with Internet-Browser

➜ Automatic sending of error messages programmable

The wired data logger

Product range i-MINILide, delivered with emergency battery, internal buzzer and software-licence

From 1 to 32 channels

iMINILide 1-A: ..... 1 Temperature-entry or free contact, delivered with 1 temperature-probe
iMINILide 2-A:..... 2 Temperature-entries or free contacts, delivered with 2 temperature-probes
iMINILide 3-A:..... 3 Temperature-entries or free contacts, delivered with 3 temperature-probes
iMINILide 4-A:..... 4 Temperature-entries or free contacts, delivered with 4 temperature-probes
iMINILide 8-A:..... 8 Temperature-entries or free contacts, delivered with 6 temperature-probes
iMINILide 16-A:..... 16 Temperature-entries or free contacts, delivered with 10 temperature-probes
iMINILide 32-A:..... 32 Temperature-entries or free contacts, delivered without temperature-probes

HF - The wireless data logger

From 1 to 64 channels

iMINILide HF:..... Data logger iMINILide for wireless Sensors of the product range iMinilide from 1 to 64 measuring channels
iMINIHF-T: ..... Wireless Sensor of the product range iMINILide HF: 1 temperature (internal) (-30°C bis +70°C), delivered with battery
iMINIHF-T+H:..... Wireless Sensor of the product range iMINILide HF: 1 temperature-and hygrometryprobe, delivered with battery
iMINIHF-S: ..... Wireless Sensor of the product range iMINILide HF: 1 temperature-probe wired or free contact, delivered with battery
iMINIHF-SURG: ..... Sensor for iMINIHF: 1 internal temperatur (wireless) and 1 external wired probe, delivered with battery
KIT-5R: ..... Kit with 5 wireless Relais-Sensors, delivered with batteries

Connect - The smart data logger

From 1 to 64 channels

iMINILIDE-Connect-2-A: ..... 64 Channels: wireless sensors, and 2 measuring channels with wired probes*
iMINILIDE-Connect-4-A: ..... 64 Channels: wireless sensors, and 4 measuring channels with wired probes*
iMINILIDE-Connect-8-A: ..... 64 Channels: wireless sensors, and 8 measuring channels with wired probes*
iMINILIDE-Connect-16-A:..... 64 Channels: wireless sensors, and 16 measuring channels with wired probes*
iMINILIDE-Connect-32-A: ..... 64 Channels: wireless sensors, and 32 measuring channels with wired probes*

* Temperature, contact, 4-20mA (with Kit 4.20mA)

i-MINILide

Description

➜ **Stand-alone data logger for temperatures and potential-free contacts**
Manages the input of the measurement data and their backup to an internal memory.
Alerts if preset limites are exeeded. Provides direct access to measurement data and graph gradients via touch screen display or PC.
Communicates through numerous interfaces via USB and/or RJ45 connection for computer networks.

Technical Caracteristics

➜ **Colored 5" HD touchscreen-display for comprehensive graphics, zoom and curser use**
➜ **1 alarm output (output by relay 1A)**
➜ **Power supply : 220Vac with integrated battery charger**
➜ **Delivered with a 6V battery for data-backup**
➜ **Stand-alone function possible**
➜ **Collect data onto USB stick: download data onto spread sheets (Excel,...)**
➜ **Direct connection to computer network via RJ45 plug**
➜ **Internal Buzzer**
➜ **Temperature range from -100°C to +300°C**
➜ **Stores information every minute**
➜ **Data and memory capacity for more than one year**
➜ **Configurable input temperature, 4-20mA signal or free contact***
** depending on the version, contact Microlide*

Main key points

➜ **Data measurements over a wide temperature range:**
from -100°C to +300°C

➜ **Reading and operating on a HD 5 inches sized touchscreen-display:**
for detailed tables and graph gradients

➜ **Management for an alarm level per measuring channel with delay:**
control of a relay output and internal buzzer, option telephone transmission

➜ **Direct connection to USB-Stick:**
transfer data onto USB stick in text files (HTML, Word...)

➜ **Direct connection to a computer network:**
Direct connection from the datalogger to the PC via a network-cable (RJ45)
Connection via company-internal network
Allows settings, data retrievals, etc. of the datalogger

➜ **Automatic data transfer to the MICROLIDE web serveur (access included in the licence):**
Data query directly on a webside with a secure connection and password from PC or smartphone with internet connection

➜ **E-mail notification when an alarm is triggered (up to 4 addresses)**

➜ **Automatic transmission of error messages programmable**

Operations

Works with or without PC
➜ **Without using the licence:** transfer on to USB-Stick
➜ **With using the licence:**
Connect to PC using the network or web access box (settings, data view, data transfer,...)
Data query of the last 10 recorded days on Smartphone or PC with Internet-Browser

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i-MINILide.

User-friendly and easy to install

Made by microlide

1 to 64 measuring channels

iMINILide

WIRED

1 to 32 measuring channels

- 5” inches HD colored touchscreen-display
- New ergonomic housing

The product range
- 1 to 32 measuring channels
  Models with 1, 2, 3, 4, 8, 16 or 32 measuring channels

The probes
- Wired measuring channels
  - Temperature probes T°C
  - Free contacts: door, electrical default,...
  - 4.20 mA*-entry: hygrometry, pressure,...

* with Kit 4.20mA

iMINILide HF

WIRELESS

1 to 64 measuring channels

- Automatic detection of sensors
- Wireless-Sensors with repeter-fonction
  → Mesh-network

Wireless-Sensors with integrated probe

Fixing directly in the positive coldroom

The product range
- 1 to 64 Wireless-measuring channels

The sensors
- iMINIHF-T: 1 enrty = T°C (integrated probe)
- iMINIHF-S: 1 entry = T°C or free contact (external probe)
- iMINIHF-TH: 2 entries = T°C + hygrometry (integrated probe)
- iMINIHF-SURG: 2 entries = T°C (integrated probe) + T°C (external probe)

Operation
- Every Sensor is as well transmitter as receiver

iMINILide Connect

WIRED + WIRELESS

1 to 64 measuring channels

- Connection of sensors and wired probes
- The Versatile: fits all structures

Wireless-Sensor

The product range
- 1 to 64 wired- or wireless-measuring channels
  Models with 2, 4, 8, 16, or 32 wired measuring channels

The Sensors
- iMINIHF-T: 1 enrty = T°C (integrated probe)
- iMINIHF-S: 1 entry = T°C or free contact (external probe)
- iMINIHF-TH: 2 entries = T°C + hygrometry (integrated probe)
- iMINIHF-SURG: 2 entries = T°C (integrated probe) + T°C (external probe)

Operation
- Every Sensor is as well transmitter as receiver