

Looking for an „open solution“?
Do you want to realise your own special application with the measurement data?

Your Gateway of Measurement Technology

Lufft I-BOX

Software modules:
ready-made or custom-built for you

App-Store

As of now, recording and processing measurement data is an absolute pleasure – and at an unbeatable price – with the new I-Box from Lufft, the gateway for environmental measurements.

The Lufft I-BOX Hardware

Lufft I-BOX		Bestell-Nr.
Lufft I-BOX		8200.00
Technical data	Dimensions (LxWxD)	105 mm x 75 mm x 22mm
	Weight	Approx. 140g
	Housing	Small plastic housing, integrated DIN rail mounting fixture
	Network	10/100BaseT, autosensing, autocrossing
	Connections	1 x network (RJ45) Screw terminals for power supply (alternative to PoE)
	LEDs / push buttons	System status via multi-color LED Current network speed and data transfer, manual device reset
	Power supply	Power-over-Ethernet (PoE) 24 ... 48V DC (+ / -10%) using screw terminals, 60mA @ 24V / 40mA @ 48V
Power consumption		
Temperature	Installed side-by-side: 0 ... 65°C, installed separately: 0 ... 70°C	
Humidity	0 ... 90% relative humidity, non-condensing	
Accessories	Plug-in power supply unit 8120.NT24	8120.NT24
	Power supply for DIN rail	8160.11084

We recommend heated cabinet at extremely minus temperatures.

With the Lufft I-Box, measuring instruments are easily integrated into corporate networks and business processes. The plug-and-play system provides standardized access to live data from a variety of measuring instruments. This means that all data can be easily stored, displayed, monitored and integrated in customer systems. In addition, the Lufft I-BOX includes an application for controlling alarms out of the box. The applications can be upgraded as required to suit individual needs. The Lufft I-BOX -the interface for environmental use.

- Easy commissioning
- Configuration and remote maintenance via browser interface
- User access protection
- Alarms by email
- Detailed help function
- Applications upgradeable as required
- 2 year warranty
- Increased interference immunity for the industrial environment
- Prepared for rail mounting
- Power consumption < 2.0 W
- Transmission of measured values to the corporate network



System Capabilities:

- Time Synchronisation
- Email-Alerts
- Datalogger Function

Data access & Integration:

- Smartview / Smartgraph
- Json-, CSV-, Excel-Download
- Data Display (Web-Browser)
- Monitoring Display
- Cloud-Access
- Smartphone / Mobile App Support

Lufft Measurement Devices:

- Lufft WS Smart Weather Sensor
- Lufft MARWIS Mobile Weather Sensor
- lufft OPUS20 datalogger
- Lufft IRS Road Sensor



**More Information
Lufft I-BOX**

www.lufft-i-box.com