

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

Your Gateway for the Perfect Solution  
to Your Problem:

# Lufft I-BOX App-Store

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



# The Lufft I-BOX Hardware



Lufft I-BOX		Order-No.
<b>Lufft I-BOX</b>		<b>8200.00</b>
<b>Technical data</b>	Dimensions	Length 105 mm, Width 75 mm, Depth 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 and power consumption	24 ... 48V DC (+ / -10%) via screw terminals, 60mA @ 24V // 40mA @ 48V
<b>Temperature</b>	Installed side-by-side: 0 ... 65°C, installed separately: 0 ... 70°C	
<b>Humidity</b>	0 ... 90% relative humidity, non-condensing	
<b>Accessories</b>	Plug-in power supply unit 8120.NT24	<b>8120.NT24</b>
	Power supply for DIN rail	<b>8160.11084</b>

With the Lufft I-Box, measuring instruments – such as the data logger OPUS20 – are easily integrated into corporate networks. The plug-and-play system provides standardized interrogation of live data from a variety of measuring instruments. This means that all data can be clearly displayed. In addition, the scope of supply includes an application for controlling alarms. The applications can be upgraded as required to suit individual needs. The Lufft I-BOX - the interface for industrial 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
- Prepared for rail mounting

App The Lufft APP development is also becoming increasingly important for your business application.



More Information  
Lufft I-BOX

[www.lufft-i-box.com](http://www.lufft-i-box.com) 37



# Temperature logger with integrated USB-interface and automatic PDF-creation

Memory for 60,000 measurements, useable without software (default settings with 5 minutes interval), automatic PDF creation (no drivers required), optional software download), free adjustable recording interval 30 seconds up to 24 hours (via Software Log Connect), battery lifetime > 2 years (recording interval >15 minutes), status- and alarm-LEDs, includes wall mount.

Temperature PDF Datalogger			Order-No.
<b>PDF Datalogger</b>			<b>8121.00</b>
<b>Technical data</b>	Dimensions	100 x 19 x 19 mm	
	Weight	70 g	
	Measurement range	-40...+70°C	
	Accuracy	± 0.5°C (-10...40°C)	
	Power supply	1/2 AA size 3.6 Volt	
	Battery lifetime	> 3 years ( time interval >15min)	



# Temperature/Humidity logger with integrated USB interface and automatic PDF creation



Temperature/Humidity PDF Datalogger		Order-No.
<b>PDF Datalogger</b>		<b>8122.00</b>
<b>Technical data</b>	Dimensions	100 x 19 x 19 mm
	Weight	70 g
	Measurement range	-40...+70°C, 0...99% RH
	Resolution	0.1°C/0.1%
	Accuracy	± 0.5°C (-10...40°C) ± 3% (40...60% RH)
	Power supply	1/2 AA size 3.6 Volt
	Battery lifetime	> 2 years (time interval >15min)

Memory for 60,000 measurements, useable without software (default settings with 5 minutes interval), automatic PDF creation (no drivers required), optional software download, free adjustable recording interval 30 seconds up to 24 hours (via Software Log Connect), battery lifetime > 2 years (recording interval >15 minutes), status- and alarm-LEDs, includes wall mount.

