# LCOM - LUFFT COMMUNICATOR

The LCOM (Lufft-Communicator) is an industrial PC with the Windows-CE operating system. The following interfaces are available for communication purposes:
- USB
- CDMA modem (RS232)
- Partyline modem (RS232)
- UMB bus (RS485)

Conversion to the following standard protocols can be made in combination with the UMB technology:

TLS
NTCIP
TLS over IP with GPRS (Asfinag)
DGT
XML (Asfinag)
Synop (in planning)

The equipment is configured and measurement data presented on the built-in 7 inch touch screen display.
A service PC is therefore no longer required.

Remote access is available for software uploads and data analysis on the LCOM and UMB modules over the GPRS modem.

| Technical Data | Order No. |
|---|---|
| LCOM Lufft Communicator | 8510.EAK |
| Operating Conditions | |
| Power supply | 20…28VDC |
| Power consumption | 10VA |
| Ambient temperature | -30°C … +60°C |
| Relative humidity | <90% RH |
| Protection type | IP20 |
| Dimensions | 230mm x 130mm x 50mm |
| USB interface | USB2.0B |
| GPRS modem interface | RS232 on Wago Cage Clamp |
| Partyline modem interface | RS232 on Wago Cage Clamp |
| UMB bus interface | RS485 on Wago Cage Clamp |
| Display size | 7 inch |
| Display resolution | 800 x 480 pixel |
| Storage conditions | |
| Ambient temperature | -30°C …+60°C |
| Relative humidity | <95% RH |

| Accessories | | Order No. |
|---|---|---|
| Power supply | 230VAC/24VDC (100VA) | 8366.USV1 |
| GPRS modem | | 8510.GPRS |

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