

LCOM – Lufft-Communicator / Datalogger

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)
- TCP/IP (Ethernet)

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

- TLS
- NTCIP
- TLS over IP with GPRS (Asfinag)
- MSSI (Asfinag)

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

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

The LCOM has an integrated SD card to store measurements.

| LCOM Lufft Communicator | | | Order No. |
|-----------------------------|-----------------------------------|--------------------------|------------------|
| LCOM | | | 8510.EAK |
| Operating Conditions | Power supply | 20...28VDC | |
| | Power consumption | 10VA | |
| | Ambient temperature | -30 °C... 60 °C | |
| | Relative humidity | < 90 % RH | |
| | Protection | IP20 | |
| | Dimensions | 230 mm x 130 mm x 50 mm | |
| | USB Interface | USB2.0B | |
| | GPRS modem interface | RS232 on Wago Cage Clamp | |
| | Party line 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 | Power supply 24V/4A | | 8366.USV1 |
| | GPRS Modem | | 8510.GPRS |
| | Night vision camera, 3 Mega pixel | | 9983.10 |
| | Night vision camera, VGA | | 9983.20 |

