

# LCOM – Luft-Communicator / Datalogger

The LCOM (Luft-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 Luft Communicator			Order No.
<b>LCOM</b>			<b>8511.EAK</b>
<b>Operating Conditions</b>	Power supply	20...28VDC	
	Power consumption	10VA	
	Ambient temperature	-30 °C...60 °C	
	Relative humidity	<90% RH	
	Protection	IP20	
	Dimensions	230mm x 130mm x 50mm	
	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	
<b>Storage conditions</b>	Display size	7 inch	
	Display resolution	800 x 480 pixel	
	Ambient temperature	-30 °C...60 °C	
<b>Accessories</b>	Relative humidity	<95% RH	
	Power supply 24V/4A		<b>8366.USV1</b>
	GPRS Modem		<b>8510.GPRS</b>
	Night vision camera, 3 Mega pixel		<b>9983.10</b>
	Night vision camera, VGA		<b>9983.20</b>

