

Camera-GPRS

With data logger and GPRS data communication



Application areas/ equipment characteristics

- Automatic and periodic image recording
- Event triggered image recording
- Automatic image transmission using GPRS technology
- Capability of connecting external sensors; e.g. water level
- Autarkic unit with accumulator

Camera-GPRS with data logger LogTrans 6 for FTP data transmission

Technical data – camera

Camera:	640x480 pixel; JPEG colour camera ; image size approx. 50kB
Interface:	RS 232 – fits for LogTrans 6 communication
Dimension:	Diameter: 75 mm; Length: 120 mm
Protection degree :	IP 67, water resistant
Power supply:	5-13 VDC; camera switched on/off by data logger
Operation modes:	Basis mode: time triggered image recording Additional mode 1: overlaid event triggered image recording by a sensor attached at the data logger; e.g. water level Additional mode 2: overlaid event triggered image recording by a switching contact; e.g. motion sensor

Technical data – Data logger LogTrans 6 – GPRS

Dimension/ housing:	330x230x115 mm/ aluminum injection molding
Analogue inputs:	3 analogue inputs single ended for connecting sensors
Counter inputs:	1 counter input; typical application; recording of precipitation
Event input:	Normal open contact for spontaneous release of a image recording - also from the sleep mode of data logger
Additional data links:	RS 485 for external probes with RS 485 UIT-Bus (e.g. MSM-S2)
Memory:	512 MB for data and 512 MB for images
Power supply:	Accumulator 12 V/ 6,5 Ah
Power consumption camera + data logger incl. modem:	Standby current < 0,1mA; image recording 100mA, time 25 sec per image; plus energy required for data transmission
Wireless data transfer:	Integrated GPRS-modem (Quad-Band)
Interfaces:	USB for readout of data and configuration of data logger
Configuration:	by operating software SENSOlog

GPRS-wireless data transfer – receiver

Receiver:	FTP-Server for images (data if required) or WEB-Server with SENSOweb
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Modifications contributing to technical progress are subject to change without notice!



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