KPC-614 Logger System

Thanks to its excellent energy-saving properties, the alkaline battery-powered KPC-614 can be used to reliably record wind speed and direction data over an extended time period even where there is no commercial-level power source. The measured data is recorded to internal flash memory, from where it is easily collected via mobile or landline telephone or satellite links. Further, because data can be easily collected using a portable computer or a compact flash memory card, analyzing data and generating daily, monthly, or yearly reports and graphs is easier than ever before. Equipped to reliably operate at temperatures between -20°C and 40°C, the KPC-614 is the ideal logger system for a variety of commercial, industrial, and research uses.

FEATURES

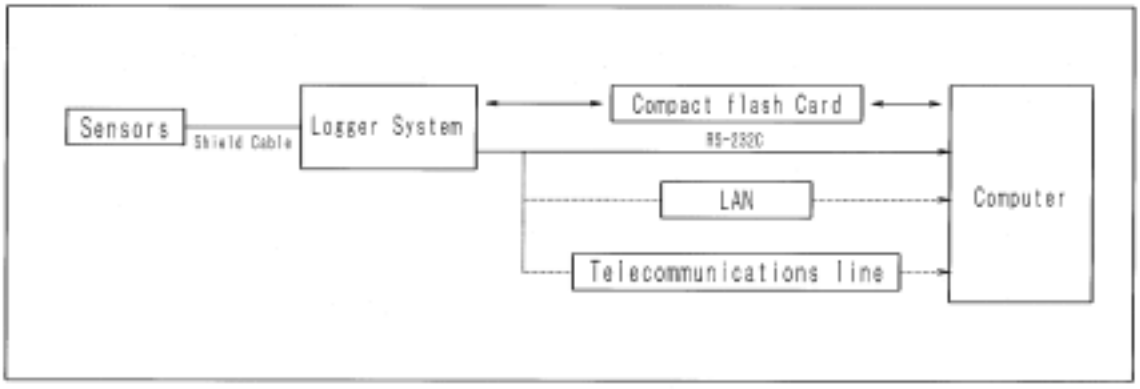
1. Allows for data collection using compact flash card, telecommunications, personal computers, etc.
2. Collected data easily processed in Excel or other spreadsheets
3. Can be powered using standard alkaline batteries
4. No loss of data when changing batteries
5. No loss of data even when batteries die
6. Includes a real-time monitoring feature
7. Wide variety of software available for data collection and processing
8. Can also be wall-mounted

LOGGER SYSTEM SPECIFICATIONS

Inputs	Two or three channels
Accuracy	±0.1%FS
Measuring interval	1 sec
Recording intervals	Select from 1, 5, 10, 30, or 60 min Generally fixed at every 10min
Recorded/output data	
Wind direction	0 to 360°
Wind speed	0 to 90.0 m/s
Memory	Flash memory format 256kB Capacity is equivalent to approx. 150 days using recording intervals (sampling times) of 10 min; approx. 180,000 data samples Scroll by blocks (64kB)
Output	RS-232C
IC card	Compact flash memory card 32 M B for approx.100 months of data
Applicable sensors	Wind speed: generating anemometer Wind direction: potentiometer
Display	LCD 16 characters × 2 lines (alphabet)
Power source	AA alkaline batteries External 12V DC also possible
Usage conditions	-20 to 40°C (non-condensing)

* All data is transmitted to the logger, and the means of telecommunication can be selected according to the distance between the observation point and the location of the logger.

Logger System Block Diagram [Case]



KOMATSU FACTORY CO.,LTD.
TOKYO
WEATHER INSTRUMENTS FABRICATION
1-12-13 Higashiyama Meguro-ku Tokyo 153-0043 Japan
TEL : 03-3719-7131
FAX : 03-3719-7134
e-mail : info@komatsuins.co.jp