

KPC-61 Logger System w/Extensometer & Rain Gauge

Thanks to its excellent energy-saving properties, the alkaline battery-powered KPC-61 can be used to reliably record ground surface movement and precipitation 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 is so easily collected, 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-61 is ideal for a variety of commercial, industrial, and research uses.



LOGGER SYSTEM SPECIFICATIONS

Model	KPC-61
Input	Ground surface movement, precipitation
Accuracy	±0.1%FS
Recording intervals	1-60 min
Memory	Flash memory
Output	RS-232C
IC card	Compact flash memory card
Applicable sensors	Ground surface movement: potentiometer Precipitation: tipping bucket rain gauge
Display	LCD 16 characters × 2 lines
Power source	AA alkaline batteries External 12V DC also possible
Usage conditions	-20 to 40°C (non-condensing)
Size	Approx. 160 × 180 × 50 mm
Weight	Approx. 1.3 kg

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. Two channels allow for simultaneous measurement of both ground surface movement and precipitation

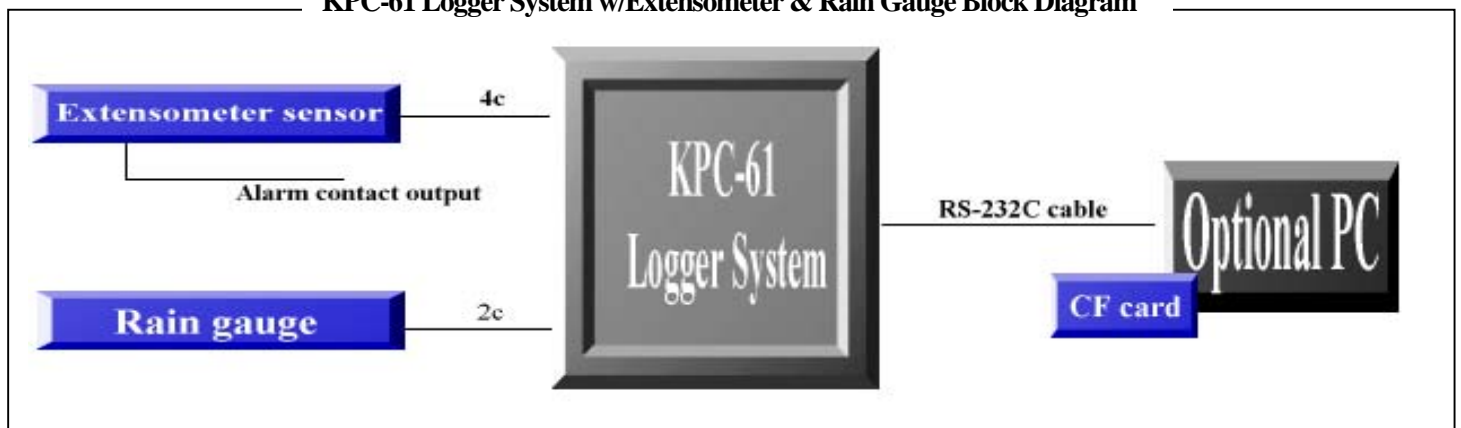
EXTENSOMETER SPECIFICATIONS

Measurement range	0-100 mm (standard)
Accuracy	±0.25%FS
Size/weight	Approx. 248 × 207 × 170 mm, 1.0 kg

RAIN GAUGE SPECIFICATIONS

Model	R1-5 (standard)
Inlet diameter	200 mm
Single-tip volume	0.5 mm

KPC-61 Logger System w/Extensometer & Rain Gauge Block Diagram



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