

KPC-62 Logger System w/Water Level & Rain Gauges

Thanks to its excellent energy-saving properties, the alkaline battery-powered KPC-62 can be used to reliably record water level 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-62 is ideal 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. Two channels allow for simultaneous measurement of both water level and precipitation

LOGGER SYSTEM SPECIFICATIONS

Model	KPC-62
Input	Water level, precipitation
Accuracy	±0.1%FS
Recording intervals	1-60 min
Memory	Flash memory
Output	RS-232C
IC card	Compact flash memory card
Applicable sensors	Water level: semiconductor-controlled water pressure Precipitation: tipping bucket rain gauge
Display	LCD 16 characters × 2 lines
Power source	AA alkaline batteries External 12 V DC also possible
Usage conditions	-20 to 40°C (non-condensing)
Size	Approx. 160 × 180 × 50 mm
Weight	Approx. 1.3 kg

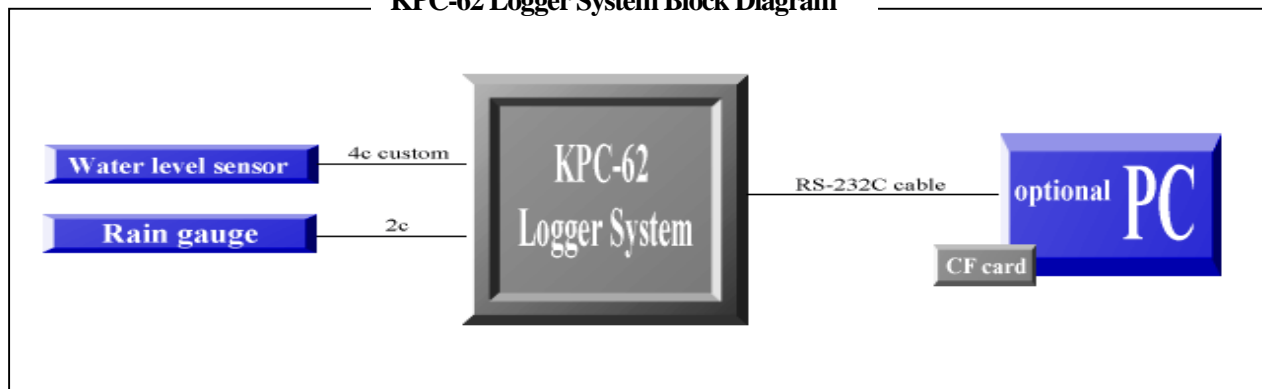
WATER LEVEL SENSOR SPECIFICATIONS

Model	Water pressure
Measurement range	0-10 m, 0-20 m (standard)
Accuracy	±0.25%FS (standard)
Component material	SUS316
Size	17.5 mm diam. × 142 mm (excl. cable)

RAIN GAUGE SPECIFICATIONS

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

KPC-62 Logger System Block Diagram



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