

DATA LOGGER

SPECIFICATION

Model : DCF 0508V



Number of inputs : 8 channels

Recording : onto compact flash memory 128 MB(expandable)

Recording event numbers: depended upon compact flash
memory capacity

Display : LCD for real time indication ,configuration and presetting

Measuring Input : analog 0-5Vdc or 4-20mA(option)

Resolution : 1.22 mVdc (12 bits ADC)

Input resistance : $4.15 \pm 0.15 \text{ M}\Omega$

Measurement error : 0.2% (0.5 % max)

Scaling factor : defined by user

Units of measurement: defined by user

Selectable Units on menu : °C , °F ; mm , Cm, Km ; m/s , Km/hr ; gm , Kg , Tn ; Bar ,
PSI , Pa ; % , ppm , mg/L ; mV , V , Vac , ma , A , Aac , Hz , W ;
sec , min , hr ; ° (angle) , g , ms^{-2}

Logging Rate (Sample Interval) : 2 second....60 minutes; 1....24 hrs (programmable)

Software : display of recorded data on Microsoft Excel

Power supply : 220Vac/50 Hz 0.4 watt or 12Vdc/25mA ,

7.2 V rechargeable back-up battery

Dimension : 19 x 21.7 x 6 cm

Weight: 1.2 kg

2-Year warranty

PRC Technologies Corporation Ltd.

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DATA LOGGER

TEMPERATURE AND HUMIDITY

SPECIFICATION

Model : DCF 0508TH



Number of inputs : 8 channels

Recording : onto compact flash memory 128MB(expandable)

Recording event numbers: depended upon compact flash
memory capacity

Display : LCD for configuration and presetting

Measuring Input : Ch 1-6 silicon temperature sensors (range -45 to +130°C)

: Ch 7-8 combined temperature & humidity sensors
(range-45 to +120°C and 0 to 100% RH)

Resolution : $\pm 0.1^{\circ}\text{C}$ and $\pm 0.2\% \text{RH}$

Measurement error : $\pm 0.2 - 0.5^{\circ}\text{C}$ & $\pm 2\% \text{RH}$

Sensor cable length(max): 20m (temperature) , 50m (humidity)

Logging Rate (Sample Interval) : 2 second....60 minutes, 1....24 hrs (programmable)

Software : display of recorded data on Microsoft Excel

Power supply : 220Vac/50 Hz 0.4 watt or 12Vdc/25mA ,

7.2 V rechargeable back-up battery

Dimension : 19 x 21.7 x 6 cm

Weight : 1.2 kg

2-Year warranty

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DATA LOGGER

TEMPERATURE

SPECIFICATION

Model : DCF 0508T



Number of inputs : 8 channels

Recording : onto compact flash memory 128MB(expandable)

Recording event numbers: depended upon compact flash
memory capacity

Display : LCD for configuration and presetting

Measuring Input : Ch 1-8 silicon temperature sensors (range -45 to +130°C)

Resolution : $\pm 0.1^{\circ}\text{C}$

Measurement error : $\pm 0.2-0.5^{\circ}\text{C}$

Sensor cable length(max): 20m (temperature)

Logging Rate (Sample Interval) : 2 second....60 minutes, 1....24 hrs (programmable)

Software : display of recorded data on Microsoft Excel

Power supply : 220Vac/50 Hz 0.4 watt or 12Vdc/25mA ,

7.2 V rechargeable back-up battery

Dimension : 19 x 21.7 x 6 cm

Weight : 1.2 kg

2-Year warranty

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