

daisyTemp Sensor (DCT00 / DCT04 / DCT08)

Up to 8 temperature sensors on a single sensor port

daisyTemp sensors consist of an array of up to 8 temperature sensors in a single string. Connect to one sensor port, and supported on all AKCP base units, this versatile sensor allows for temperature coverage in larger areas in a cost effective manner, consuming a single sensor port and IP address for a larger number of sensors.

daisyTemp sensors are available in packages of 4 (DCT04) and 8 (DCT08) or individually to add to an existing string (DCT00). The distance between each sensor can be variable and made using standard CAT5 cable. A total max length of 150m (500ft) for the chain.



DCT00 - Technical Specification

Temperature	
Measurement Range	-55°C to +75°C -67°F to +167°F
Measurement Resolution	sensorProbe+ series 0.1°C increments 0.2°F increments securityProbe series 0.5°C increments 0.9°F increments sensorProbe series 1°C increments 1°F increments
Measurement Accuracy	sensorProbe+ series and securityProbe series ±0.5°C accuracy from -10°C to +75°C ±0.9°F accuracy from +14°F to +167°F sensorProbe series ±1°C accuracy from -10°C to +75°C ±1°F accuracy from +14°F to +167°F
Interface	
Communications cable	RJ-45 jack to sensor using UTP CAT5e/6 cable
Power source	Powered by the base units. No additional power needed
Power Consumption	Typical 10 mWatt, 2 mA
Maximum Cable Length	Up to 8 DCT sensors per sensor port. Flexible sensor cable length using standard CAT5e cable (maximum 500 ft for the total daisy-chain)
Sensor type	Semiconductor, microprocessor controlled
Dimensions	56 x 55 x 33.3 mm
Mounting	DIN rail mounting Screw mounting
Important Note	We do not recommend you trying to connect any of our AKCP sensors though patch panels or using the RJ-45 couplers to extend them. Please see the temperature sensors product manual or FAQ in our knowledge base for more details regarding this.
Sensor count	Up to 8

DCT00 / DCT04 / DCT08 - Technical Drawing

