

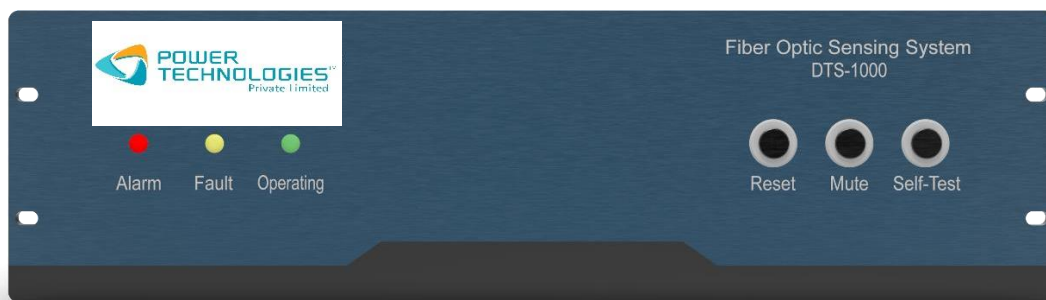
DTS-1000

Distributed Temperature Sensing System

Product Description

DTS-1000 optical unit series are specially designed with fiber optic sensing cables that provide continuous temperature sensing for long distances, and offer high reliability, accuracy, and quick update times to ensure 24/7 monitoring of the fiber temperature sensor application with no downtime for maintenance.

DTS-1000 optical unit series are ideal detector for distributed temperature sensing systems and are widely used in various fields of distributed temperature sensing system.



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Specification

Item	Detail	Description
Appearance	Dimensions	482mm x 480mm x 133mm
	Mounting	3U Rack-Mounted
	Weight	15kg
Optical Characteristics	Transmission Mode	62.5/125um Multi-Mode / 50/125um Multi-Mode
	No. of Channels	2 / 4 / 6 / 8 Channels
	Fiber Connector	E2000/APC
Performance	Maximum Distance	3 / 6 / 15 km
	Measurement Cycle	3 / 9 / 30 second per channel
	Measurement Interval	0.4m
	Measurement Resolution	0.1°C
	Measurement Accuracy	±1.0°C
Interface	LAN	10/100/1000Mbps Ethernet
	Other	HDMI, RS-232, RS-485, Relay
Software	Software	Power Technologies™ IOT Platform (Requires Integration with Power Technologies™ Server)
Environmental Characteristics	Operation Temperature	-10°C to 50°C Non-Condensing
Power	Power Supply	24VDC (220VAC to 24VDC Converter Provided)