

Fiber-Optic Distributed Temperature Sensing System

Portable OPThermo FTR3000

- Slim & Compact
- High Portability (3kg)
- Low Cost
- Auto Data Logging without PC. (Stored in SD Card)
- Auto Alarm Detection/Output
- Low Power Consumption (8w)
- Easy Remote Access (LAN/USB)



for Smart Grid Application
for Ecology & Environment



Specifications

Item	Specification			Remarks
Measurement Range	500m	1000m	2000m	
Measurement Time (*1)	10 sec.	20 sec.	60 sec.	
Temperature Resolution (*2) (*3)	±1 °C			1σ (1S.D.)
Sampling Resolution	1m			
Spatial Resolution (*3)	2m			10-90% Step
	3m			Hot spot
Optical Fiber Type	GI 50/125			with E2000/APC
Self-diagnosis	Fiber Break / LD Alarm, etc.			
Operating Temperature	0 to 40°C (-10 to 50°C) (*4)			
Storage Temperature	-20 to 60°C			
Power Source	DC12 ±1.5 V (AC100-240V with AC Adapter)			
Size	300 (W) × 160 (D) × 37 (H) mm			

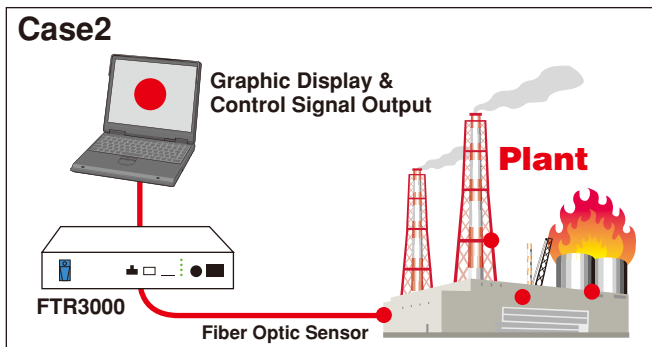
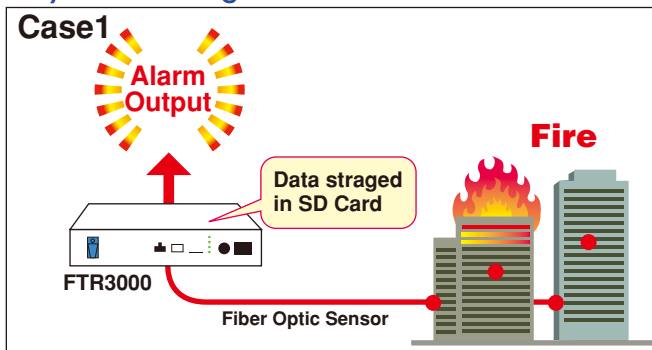
*1 : According to system configuration.

*2 : Values in table above based on J-Power Systems' recommended fiber and specifications of fiber-optic sensor used.

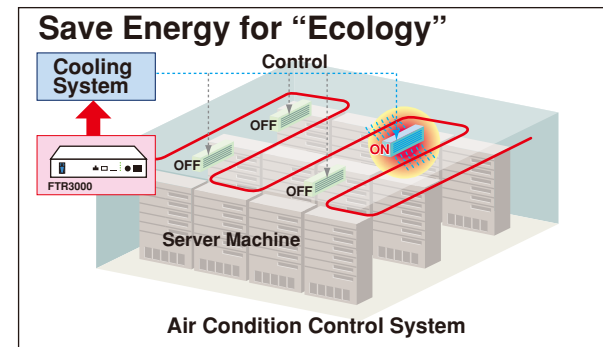
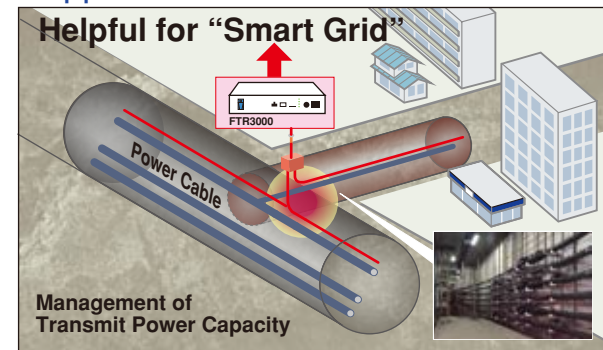
*3 : Temperature/Spatial Resolution : Typical Value.

*4 : Option for harsh environment.

System Configuration



Application



*These specifications are subject to change without advance notice.

For more information about the brochure:

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