

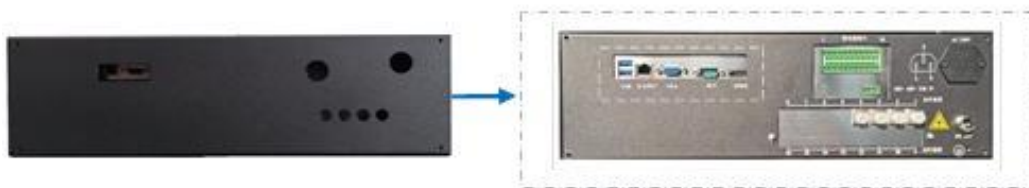
Product name	Distributed optical fiber line type heat sensing fire detector	
Specification and model	HC- DTS800-XR	
Product Technical Parameters		
Project	Unit	Content
Measure the distance	m	The maximum length of the complete machine is 10 km, and the maximum length of a single channel is 10 km
Measurement channel	Channel	4
Operating temperature	℃	60/70/85 (all pass the type inspection, the user can choose independently)
Maximum number of alarms	A	1000
Alarm record	Bar	≤1000
Alarm type	/	High temperature threshold, temperature rise threshold
Type of fault	/	Main engine failure and fiber breakage
Size of signal processing unit	mm	482 × 463 × 134 (standard 3 U)
Applicable ambient temperature	℃	-10 ~ 50 (signal processing unit) -40 ~ 50 (sensitive parts)
Standard alarm unit ①	m	1
Positioning accuracy	m	≤±1
Relay output	Road	20 (expandable to 240 outputs)
Power supply	V	DC24
Power	W	≤40
Operating System	/	Windows
Support agreement	/	Modbus TCP, private TCP/IP (customizable)
Storage space	G	128 (standard SSD)
Communication interface	/	RJ45*1、USB*2、RS232*1、RS485*1
Other interfaces	/	HDMI*1、VGA*1
Fiber type	/	MM: 62.5/125μm
Connector type	/	FC/APC
Storage	℃	-40~+80



temperature		
Host life	Year	10 years
Screen size	Inch	7 inches
Degree of protection	/	Host IP10/optical cable IP68

Note ①: When the host is connected to the 10KM temperature sensing optical cable, the optical cable with 1m standard alarm length can meet the experimental requirements in GB16280-2014.

Schematic diagram of product structure



Product Structure Diagram of DTS800-XR