

<b>Product name</b>	<b>Distributed optical fiber line type heat sensing fire detector</b>	
Specification and model	HC - DTS800-WR	
<b>Product Technical parameters</b>		
Item	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	400 × 150 × 500 (W × D × H)
Applicable ambient temperature	℃	-10 ~ 50 (signal processing unit) -40 ~ 50 (sensitive parts)
Standard alarm unit <sup>①</sup>	m	1
Positioning accuracy	m	≤±1
Relay output	Road	32 (expandable to 240 outputs)
Power supply	V	DC24
Power	W	≤50
Operating System	/	Windows
Support agreement	/	Modbus TCP, private TCP/IP (customizable)
Storage space	G	128 (standard SSD)
Communication interface	/	RJ45*2、USB*2、RS232*1、RS485*1
Other interfaces	/	VGA*1
Fiber type	/	MM: 62.5/125μm
Connector type	/	FC/APC

Storage temperature	℃	-40~+80
Host life	Year	10 years
Screen size	Inch	12.1 inches
Degree of protection	/	Host IP20/optical cable IP68
Weight of the main engine	Kg	≤15

Note ①: When the host is connected to the 10KM temperature sensing optical cable, the 3m standard alarm length optical cable can meet the experimental requirements in GB16280-2014.

Schematic diagram of product structure



**Product Structure Diagram of DTS800-WR**