



XT-DTS™

DATASHEET



The XT-DTS is the highest performance ruggedised distributed temperature sensor currently on the market. Designed for remote and hostile environments, the unit has a class-leading operating temperature range of -40°C to +65°C. The XT-DTS can operate on solar or wind power without compromising the superior accuracy and reliability. It can be configured and controlled remotely via a wireless or satellite link enabling remote data collection, which allows for effective asset optimization and environmental risk management even in previously unreachable locations. The unit can be optimised for 2 km, 5 km and 10 km ranges.

Product Specifications

Sensing Capabilities

Range	Channels	Resolution		Measurement Time	Fibre Type	Referencing
		Sampling	Temperature			
0 -10km	4	25cm	0.01°C	≥5 sec	50/125µm multimode	x2 PT-100 probes

Power Supply Requirements

40W @ Room Temperature
45W @ -40°C
43W @ +65°C

Capacity to reduce power consumption for standby operation
(idle power requirements: about 13W)

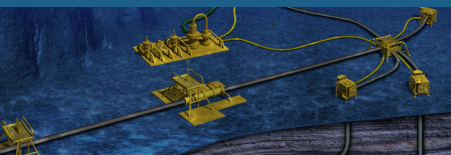
Communication Options

2 x Ethernet
Internal SSD [64GB]

Oil & Gas



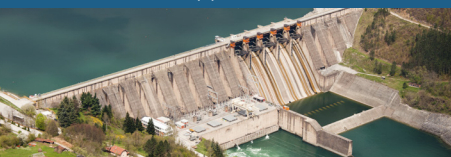
SURF



Mining



Environmental applications



Physical Dimensions

Height	Width	Depth	Weight
165mm	365mm	470mm	12kg

Operating Environment

Temperature: -40°C to +65°C
Humidity: 5-95%RH

Operating System

Windows XP (32bit)
Windows 7 (64bit)

Certification & Compliance

Safety	EMC	FCC	CE Mark
Class 1 Laser Product • IEC 60825-1: Edition-2:2007 • CFR 21 Parts 1040.10 & 1040.11 • EN 61010-1:2010	• EN61326-1:2013	CFR 47:2008 Part 15 Sub Part B	• 2014/35/EU (safety) • 2014/30/EU (EMC)

Data Monitoring

XT Viewer
XT Client

Contact Us

Silixa Ltd
230, Centennial Park, Elstree, Hertfordshire
WD6 3SN, UK

t: +44 (0) 20 8327 4210
f: +44 (0) 20 8953 4362

Silixa LLC
16203 Park Row, Suite 185, Houston
TX 77084, USA

t: +1 832 772 3333
f: +1 832 772 3530

www.silixa.com

