MS1020

Two-Channel Fibre-Optic Sensing

Power up. Connect. **Start measuring.**

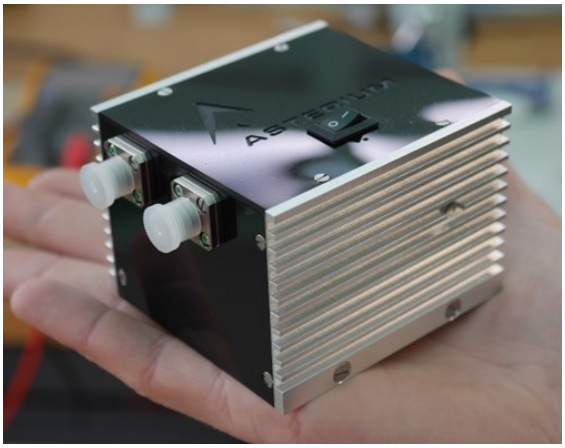
The MS1020 is a simple, user-friendly and compact system for strain and temperature interrogation of optical fibre sensors. Connect through its built-in Wi-Fi hotspot and monitor your sensors live from the comfort of your own device.

Two sensor ports
Two channels, with the option of multiplexing sensors.

Mains or battery
Use it on the bench or away from mains power.

Wireless
Own Wi-Fi hotspot – no cables to a computer.

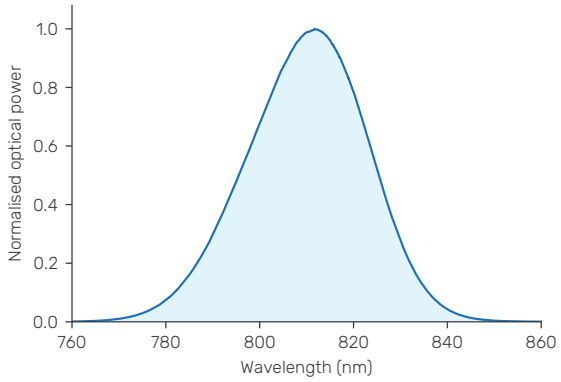
Nothing to install
ReadyView runs in the browser of a laptop, tablet or phone.



Specifications

OPTICAL & PERFORMANCE	
Output power at sensor port	4.5 mW
Sensor port connector	2 × FC/APC
Central wavelength	810 nm
Spectral bandwidth	30 nm FWHM
Max. sampling	10 Hz
ELECTRICAL	
Operating voltage	5 V DC (power supply or battery)
Operating current	1.6–2 A
Electrical power	15 W
INTERFACE	
Connection	Wi-Fi
Control	Browser-based GUI (ASTERIUM ReadyView)
MECHANICAL	
Dimensions (W × D × H)	75 × 80 × 57 mm
Mass	450 g
COMPLIANCE	
RoHS	Compliant – Directive 2011/65/EU as amended by (EU) 2015/863

Typical source spectrum



ReadyView user interface



Request a quote

contact@asterium.co.uk
asteriumtechnologies.com

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