

**Green Technologies
For a Safer and Better Living
In Smart City**



Optical Sensing Interrogator System (Model#: OSI-200)

- The OSI-200 is an optical fiber sensing equipment for high speed optical interrogation. Max 40 optical sensors in the measurement range of 1510-1590 nm can be interrogated simultaneously. The OSI-200 guarantees a wavelength measurement resolution and repeatability of 1 pm and 5pm respectively makes it very suitable for industrial automation and engineering applications.

Features

- Low-cost Sensing Solution
- Compact and Robust
- No Moving Parts
- High Accuracy and Reliability
- User Friendly Interface



Specification:	
Parameter	Unit
Source Optical Output Power	>0dBm
Source 3dB Bandwidth	80 nm
Optical Connection	FC/APC
Number of optical sensors	40 max
Wavelength Measurement Range	1510-1590 nm
Wavelength Repeatability	5 pm max
Wavelength Drift	3 pm/°C
Dynamic Range	25 dB
Measurement Frequency	3kHz max
Connection Interface	USB Type A
Software	Bundled with AT-Monitor for data visualization and data logging
Input Voltage	12Vdc, 1A
Operation Temperature	0 to 50°C
Weight	2 kg
Size (LxWxH)	232 x 165 x 70 mm

AVARON TECHNOLOGIES LIMITED

Unit 965, 9/F, Building 19W,
No. 19 Science Park West Avenue, Hong Kong Science Park,
Pak Shek Kok, N.T., Hong Kong

Tel.: +852 9088-5769

Fax: +852 2944-8757