Indoor ODAQ™

INDOOR OPTICAL DATA ACQUISTION

aoms.

REAL-TIME. RELIABLE. REUSABLE.

AOMS Indoor ODAQ™ is a fully integrated multi-channel fiber optic data acquisition system for indoor and controlled environment applications. The unit can be used for monitoring multiple sensor cables of different types. Indoor ODAQ™ is a stand-alone unit which includes a fiber optic interrogation syste and AOMS Lumi™ data aggregation software suite. Indoor ODAQ™ has the built-in capability for wired and wireless data communication using most common industry standard protocols to streamline integration with other equipment in the field. The unit is also offered with optional cloud-based data storage.

SPECIFICATION	DATA	
Max sensor channels	144	
Max data acquisition rate	1	kHz
Operating temp. range	-20 - 60	ºC
Operating humidity range	10 - 90	RH%
Weight	4	kg
Input Voltage	12 / 110-220	VDC/VAC
Input Amperate	2.5/3.3	A
Power (typical / max)	30/40	W
Optical connection	SC or LC with IP68 protection	
Built-in software	AOMS Lumi™	
Data comms. interface	Ethernet, WiFi	
Form Factor	10" Rack Mount / Bench Top	

KEY FEATURES

- Outdoor installation
- Multi-sensor connection
- Built-in environmental control
- Industry standard data communication interface

APPLICATIONS

- Environmental sensing
- Subterranean measurements
- Geotechnical sensing
- Electrical asset monitoring
- Oil and gas