

FSI-800P Interrogator Processing Module

The FSI-800P Interrogator Processing Module is designed to work with the FSI-800A High-Speed Fiber Sensor Interrogator. Inside the FSI-800P is a high performance processor with all necessary hardware configured specifically for management and processing of FBG sensors connected to the FSI-800A. Sensor measurement can be stored locally to the internal hard drive or exported to a remote location via wire or wireless Ethernet connection for applications where the interrogator and sensors are difficult to access. Real-time monitoring can be achieved by using the server version of SpectroInt V1.5 that bundled with the FSI-800P. Standard operation temperature of FSI-800P is 0°C – 40°C. An industrial version with operating range of -20°C – 70°C is also available.



Key Features

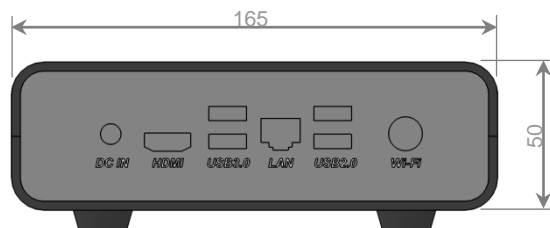
- **Powering FSI-800A Sensor Interrogator via USB 2.0 Port**
- **Fast setup time to Aniber's FSI-800A Sensor Interrogator**
- **Window XP and SpectroInt V1.5 Software Pre-installed**
- **Embedded WiFi for Remote Connection to FSI-800A for Sensor Management**
- **Multiple Built-in I/O Interfaces, WiFi Gigabit Ethernet, USB 2.0/3.0, Bluetooth, and DVI/HDMI**
- **Customized Processor and Storage Option to Suite Customer's Measurement Applications**

SPECIFICATIONS

SYSTEM CONFIGURATIONS	
CPU Processor ¹	AMD E-350 Dual Core 1.6GHz
Memory ²	2G DDR3 Ram 1066MHz
Hard Disk Size ²	320 GB
USB Port	2 x USB 3.0 and 2 x USB 2.0
Networking	10/100/1000Mbps RJ-45 Connector
Wireless Connection	802.11 b/g/n and Bluetooth 3.0
Video Output	DVI/HDMI
Operating System	Windows XP OEM version
Embedded Software	SpectronInt V1.5 md Sensing System
MECHANICAL, ENVIRONMENT, ELECTRICAL PROPERTIES	
Dimension (W x L x H)	165 mm x 220 mm x 50 mm
Net Weight	0.6 kg
Operation Temperature/Humidity	0° – 40° C / 50 – 80 % RH
Storage Temperature/Humidity	-5° – 50° C / 20 – 90% RH @ 40° C
Power Consumption	19Vdc 2A
Power ON Control / Indicator	Push Button/Power ON

- 1 Intel Atom D525 1.8GHz Industrial grade processor module is available on request.
 2 Memory and hard disk size are customizable, please contact for details.

FRONT & BACK VIEWS



Specifications are subjected to change with a view to enhance system performance without prior notice. Design and specifications can be customized to suit a range of customer requirements.

