

Modular SmartScan FBG Interrogator - Quick Start Guide



Front View



Rear View



Power In, 100-240 VAC

LAN Connection

FC/APC optical connections

1. Download the SmartScan Product Manual [SmartScan SBI Product Manual](#)
Important: Read the safety instructions before proceeding further
2. Connect the interrogator to mains power via the IEC main connector on the rear panel
3. Connect one or more optical sensing fibres to the interrogator
Important: ensure the connector key is aligned before tightening
4. Connect an Ethernet Cable between the interrogator LAN port and a PC, or a local area network port. The IP address of the interrogator is 10.0.0.150. Configure the IP address of the host PC.
5. Download the NI run-time engine on the connected PC, or a PC on the local area network to which interrogator is connected www.ni.com/en-us/support/downloads/software-products/download.labview.html#305508
(Make the following selections on the download page: Supported OS = Windows, Version = 2015 SP1, Bitness = 32-bit, Editions = Runtime)
6. Download and install the **SmartSoft for SmartScan SBI** application software
<http://download.smartfibres.com/SmartSoft-for-Modular-SmartScan.zip>
7. Switch on the power to the interrogator
8. Run the **SmartSoft for Modular SmartScan** application software, and follow the instructions in the **SmartScan SBI Product Manual**

In case of difficulty, contact Smart Fibres
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