

SmartScan SBI FBG Interrogator - Quick Start Guide



1. Download the SmartScan Product Manual [SmartScan SBI Product Manual](#)
Important: Read the safety instructions before proceeding further

2. Connect the interrogator to power by wiring 9-32 VDC to the 2-way screw terminal connector on the SBI

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-SmartScan-SBI.zip>

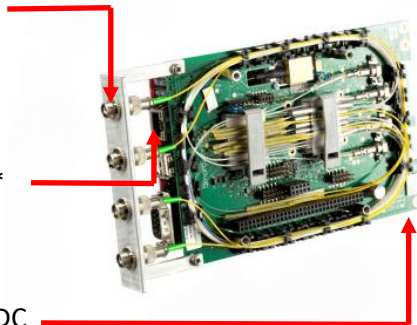
7. Switch on the power to the interrogator

8. *Run the **SmartSoft for SmartScan SBI** application software, and follow the instructions in the **SmartScan SBI Product Manual**

FC/APC optical connections

LAN Connection*

Power In, 9-32 VDC



* Assumes SBI is supplied with Smart Fibres Processing Module

In case of difficulty, contact Smart Fibres Technical Support at +44 1344 484111 or Smartfiber@Halliburton.com