

SmartScan USB FBG Interrogator - Quick Start Guide



FC/APC optical connections

Power In, 9-36 VDC

LAN Connection



1. Download the SmartScan Product Manual [SmartScan Product Manual](#)
Important: Read the safety instructions before proceeding further
2. Connect the interrogator to power using the supplied power cable and mains adaptor
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** application software [http://download.smartfibres.com/SmartSoft-for-SmartScan\(USB\).zip](http://download.smartfibres.com/SmartSoft-for-SmartScan(USB).zip)
7. Switch on the interrogator
8. Run the **SmartSoft for SmartScan** application software, and follow the instructions in the **SmartScan Product Manual**

In Case of difficulty, contact Smart Fibres
Technical Support at +44 1344 484111 or
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