SMARTFiber Scope
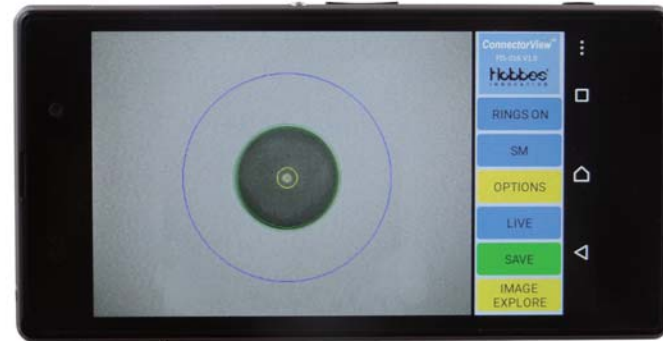## Fiber inspection scope with WiFi adapter

SMARTFiber Scope system is a fiber inspection scope combines the fiber inspection with a familiar ease of a smart device such as smart phone or tablet. SMARTFiber Scope system allows you to remote fiber optic connector inspection tasks while remaining connected to coworkers and managers.

SMARTFiber Scope displays the ABCD zones defined by the IEC 61300-3-35 industry standard on the connector end-face images and allows user to not only view the live video of connector end-faces, but also to capture/save/retrieve those images. The results of connector end-face can be stored locally or shared using email, text and other messaging applications such as WhatsApp, Line or WeChat.

SMARTFiber Scope system consists FIS-016 Digital Fiber Inspection Scope, a Portable WiFi adapter A2 and four standard PC tips for male and female connectors. It also includes HOB-WIFI application software available for iPhone, iPad and as well as Android smart devices. The HOB-WIFI application software enables users to view live images on their smart devices, save, recall and share saved end-face images via e-mail, text or other messaging applications.

Features
• Displays the ABCD zones defined by the IEC 61300-3-35 industry standard on the connector end-face images
• Comprehensive reporting, saving and sharing capabilities via mobile device email, text and messaging applications
• Smart device apps available via Google Play and Apple Store
• SMARTFiber Scope system includes four standard PC tips for male and female connectors in a tip box

Specifications

FIS-016

• Field of view: 425 μm x 320μm
• Optical resolution: ≤1.5μm
• Operating temperature: 0°C to 50°C
• Storage temperature: -20°C to 70°C
• Focus: Manual adjustment, 2mm max travel
• Dimensions: 35mm diameter x 175mm length (without tip)
• Light source: Blue LED
• Power supply: USB port of PC

A2

• Frequency band: 2412-2483MHz
• Output power: 30mW
• Channel number: 1-11
• Protocol: IEEE 802.11b/g/n
• Battery type: Internal Li-ion, 5200mAH (Rechargeable)
• Contribution operation with FIS-016 probe: >6 hour
• AC Adapter/Charger: 100-240 Vac 50/60Hz +5Vdc @ 1A USB Output
• Dimensions: L 96.5mm x W 44.7mm x H 29.8mm
• Weight: 135g
• Video Probe connector: USB 2.0 female
• Network connector: RJ-45
• Operating temperature: 0°C to 40°C
• Storage temperature: -20°C to 50°C

App Performance
• Displayed image resolution: 640 x 480 pixel
• Video frame rate: 15 frames/seconds
• Operating Systems: Android 2.3 or higher or iOS 7 or higher

Standard Connector Tips
• FIS-U2.5/PC/M: Universal tip for 2.5mm male PC type connectors
• FIS-U1.25/PC/M: Universal tip for 1.25mm male PC type connectors
• FIS-FS/PC/F: Tip for SC and FC PC type female connectors
• FIS-LC/PC/F: Tip for LC PC type female connectors

Order Information
FIS-016-WIFI SMARTFiber Scope system includes a digital inspection scope
FIS-016, a WiFi adapter A2, smart device applications HOB-WIFI
and four standard PC tips for male and female connectors