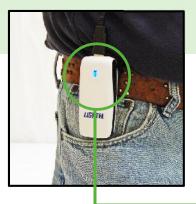# The mobile way to inspect optical connectors

Lightel's DI-1000 digital video microscope now offers a wireless option for inspecting optical fiber connectors – the DI-1000-WIFI! Connecting the WiFi unit with a DI-1000 probe converts the probe's USB video output into a wireless signal, enabling users to view live images of a fiber endface on their smartphone, tablet, or PC.

Lightel offers free Apps for various devices and operating systems so that users can view or capture/save/retrieve connector endface images. These Apps can be downloaded through Google Play Store (Android), Apple Store (iOS), or the Lightel website (Windows).

DI-1000-WIFI can also be used with Lightel's ConnectorView Plus Pass/Fail analytical software on Windows® tablets. ConnectorView Plus uses IEC 61300-3-35 as the default standard for analysis, or you can create user-defined pass/fail criteria.

Features

- WiFi adapter provides over 6 hours of power to DI-1000

- Conveniently attaches to belt, freeing up hands and reducing dropped equipment

- Easily use with ConnectorView Plus software on laptop or tablet

- Inspect connectors via smartphone with our free apps for iOS and Android

⊕ Specifications

Item	Description	Unit
WiFi Characteristics		
Frequency Band	2412 - 2483	MHz
Channel Number	1 - 11	ch
Protocol	IEEE 802.11 b/g/n	
SSID	LT-WiFi_Inspector_XXXXXX (Contains 6 digit serial number)	
Operating Range	5	Meter
Battery		
Type	Internal Li-ion , 5200mAH (Rechargeable)	
Continuous Operation W/DI-1000 probe	> 6	Hour
Standby	~24	Hour
AC Adapter / Charger	100 - 240 Vac 50 / 60Hz +5Vdc @ 1A USB Output	
Physical Characteristics		
Dimensions	96.5 x 44.7 x 29.8	L x W x H (mm)
Weight	135	g
Video Probe Connector	USB 2.0 (Female)	
Network Connector	RJ-45	
Environmental Performance		
Operating Temperature	0 to 40	C
Storage Temperature	-20 to 50	C

⊕ App Performance

Item	Description	Unit
Displayed Image Resolution	640 x 480	pixel
Video Frame Rate	15	Frames/Seconds
Operating Systems	Android 2.3 or higher iOS 7 or higher XP to Windows 8.1	

⊕ Ordering Information (DI-1000 sold separately)

DI-1000-WIFI   WiFi adapter for the DI-1000