

VIAVI

HD1 Analog Display

Professional-series handheld display with 3.5-inch TFT LCD

The HD1 series display is a durable, lightweight, ergonomic display for use with FBP series probes.

HD1 Handheld Display

The HD1 series display features a 3.5 in thin film transistor (TFT) active matrix liquid crystal display (LCD) screen that produces a bright, clear, high-contrast image of the fiber end face. It can be powered by 100–240 V AC or a rechargeable Li-ion battery (the Li-ion battery must be in the display for the unit to operate).

The HD1 display features contrast adjustment, an auto-shutoff function (to preserve battery life), and a hanging accessory for hands-free operation. It fits and operates comfortably in the user's hand for easy use.



Note: All VIAVI HD-series analog displays are equipped with a 4-pin probe input. A separate converter (FBPP-DPAC1) is required for use with 6-pin probes.

Key Features

- High-resolution 3.5-inch TFT LCD display that can detect 1 μm particles and fine scratches
- Ruggedized, durable enclosure for use in any environment
- Contrast controls, auto-shutoff setting, battery status LED indicator, and hanging accessory
- Over 2 hours run time in continuous on mode
- AC adapter (100–240 V AC) charges Li-ion battery and also acts as alternate power supply

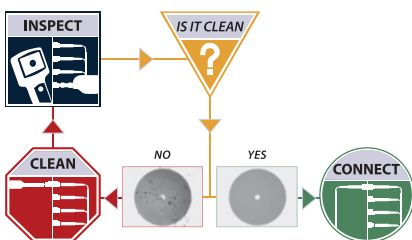
Applications

- View clear detailed fiber end face images on 3.5 in video display
- Use with VIAVI probe microscope to inspect both bulkhead (female) and patch cord (male) sides of fiber interconnect
- Promote proper fiber handling workflow and practice

Components and Functions



Inspect Before You Connect™



Contamination is the number one reason for trouble-shooting optical networks. Proactive inspection and cleaning of fiber connectors can prevent poor signal performance, equipment damage, and network downtime.

Specifications

Parameter	Specification
Dimensions	9.7 x 21.8 x 4.8 cm (3.8 x 8.6 x 1.9 in)
Weight	400 g (14.1 oz)
Video Display	NTSC with dedicated connector for probe or conversion cable
Connector	4-pin Hirose™ input for FBP probes
Power source	Li-ion battery (Sony® type NP-F550/F570) or AC adapter/charger (100 – 240 V AC)
Run time	~2 hours (continuous on)

Ordering Information

Description	Part Number
Handheld video display with 3.5 in TFT LCD; Li-ion battery; 110 V power supply	FBP-HD1
Replacement Li-ion battery	FBPP-HDB2
Kit: dual-magnification (200/400X) FBP probe microscope hardwired to HD1 display with 3.5 in TFT LCD; interchangeable FBPT inspection tips (4) in hard case: SC and LC bulkhead tips; universal 2.5 mm and 1.25 mm patch cord tips; hard-sided carrying case	FBP-S003
Kit: high-magnification (400X) FBP probe microscope hardwired to HD1 display with 3.5 in TFT LCD; interchangeable FBPT inspection tips (4) in hard case: SC and LC bulkhead tips; universal 2.5 mm and 1.25 mm patch cord tips; hard-sided carrying case	FBP-S002
Kit: low-magnification (200X) FBP probe microscope hardwired to HD1 display with 3.5 in TFT LCD; interchangeable FBPT inspection tips (4) in hard case: SC and LC bulkhead tips; universal 2.5 mm and 1.25 mm patch cord tips; hard-sided carrying case	FBP-S001