

Thank you for purchasing our products. Before assembly and use, make certain that all of the parts you have ordered are present. Check the packaging carefully as some parts are small and can be overlooked. Also, locate any additional parts and accessories you may have purchased. If you are missing any parts, or you are unable to complete the installation of your products, contact your local distributor.

The probe comes with the following:

- User Manual
- PL-C200-236 probe and viewer
- Probe adaptor tips: LC/MU, FC, ST, SC
- AC Charger/Adaptor
- Desiccant packet
- Plastic case

Safety Information



To avoid possible eye damage caused by hazard, never look directly into the optical output connectors, unless you understand and meet the required conditions.

To avoid possible fire, electric shock, personal injury, or damage to the Fibre Inspection Probe

- Do not open the case; no user-serviceable parts are inside.
- Use only the AC Charger/Adaptor provided to power the viewer and charge the battery.

Charging the Battery

Charge the battery for about 4 hours before using battery power for the first time. To charge the battery, connect the AC Charger/Adaptor. The LED on the AC Charger/Adaptor is red during charging and green when charging is complete. A fully-charged battery lasts about 1.5 hours when the viewer is on continuously.

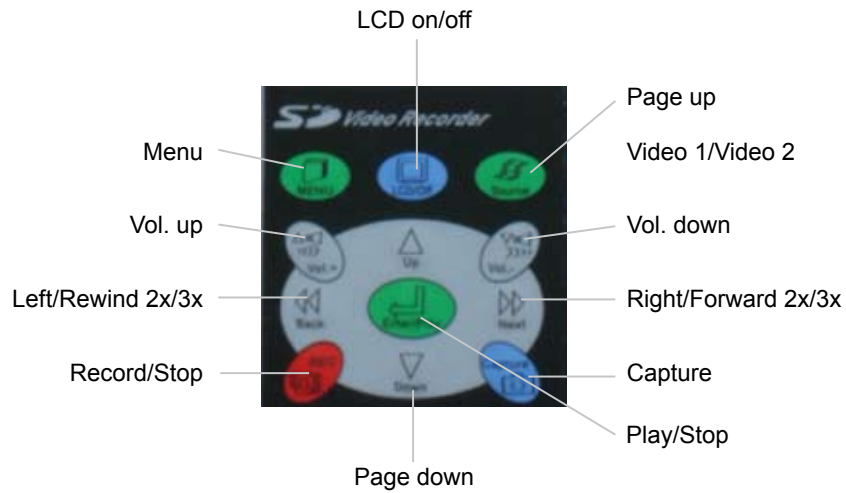
Features and Use

- Probe



Viewer

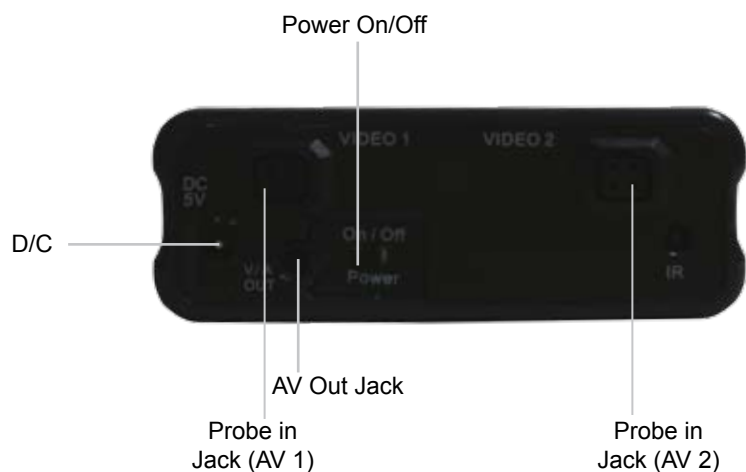
- Front View (Keypad)



- Up View



- Down View



- Inspect the end-face of fibre optic:
 1. Screw an adaptor tip onto the Fibre Inspection Probe to match the connection you are inspecting. To install an optional adaptor tip, unscrew the installed adaptor tip, then screw on the optional adaptor tip.
 2. Plug probe connector(4 pin) to AV1 or AV2
 3. Set the power mode – On.
 4. Turn the focus control wheel until the image shown on the viewer is clear.

Maintenance

- Clean the LCD display with glass cleaner and a soft, lint-free cloth. Clean the viewer and probe housings with a soft cloth dampened with water or a mild detergent. Do not use solvents or abrasive cleansers.
- Store in the plastic case when not in use.

Replacing the Battery

Replace the Li-ion battery when its life becomes noticeably shorter. To replace the battery, contact your local distributor.

General Specifications

Video Inspection Probe

Size (L x W x H)	155 x 44 x 40 (in mms)/6 32 x 1 4 x 1 32 (in inches) 5 / 3/ 19 /
Weight	0.164 kg/0.362 lb
Camera type	1/3" CCD
Resolution	Better than 1.1um
Field of view	457um x 342 um
Light source	Blue LED
Lighting technique	Coaxial
Connector	4PIN connector
Focus control	Adjustable in the probe
Optical magnification	200x
Power	From Probe Viewer
LED life	100,000 hours

Probe Viewer

Capacity	External SD Card of Any Size	
Image Resolution	320 × 240 MPEG4	Snapshot 320 × 240 JPEG
Video Playback	MPEG-4, Encode and Decode(near DVD quality) Resolution up to 640 x 360 @30fps/sec. Real Time (ASF file format)	
Photo View	JPEG format 640 × 480(Digital Zoom, NO Image Resolution Loss)	
A/V Input	Composite AV input × 2 (4-PIN Connector)	
A/V Output	Composite AV output × 1 (Phone Jack 3. 5mm)	
Status Indicator	LED × 3 (Power = Orange , Record = Red, Snap = Yellow)	
Power Sources	Internal: Rechargeable Li-Ion Battery (3.7V, 950mA) External: AC charger/adaptor	
Power Consumption	Typical 300mA(±5%)	
Dimension & Weight	123mm (L) x 75mm (W) x 27mm(H)	190g
Operation Temperature	-10°C ~ 55°C	
Displayer	2.36inch LCD	

Accessories

A variety of adaptor tips are available for viewing specific fibre optic connectors, contact OPTRONICS for a current list of adaptor tips.

Getting Service

To obtain service during the warranty period, contact your nearest authorized service center to obtain return authorization information, then send the product to that service center with a description of the problem.

Please be sure to have the following information available:

- Name and S/N (if available) of the product(s) as well as a description of your problem.

Warranty and Liability

OPTRONICS warrants this equipment against defects in material and workmanship for one year from the date of original shipment. This warranty does not cover disposable batteries, or damage from accident, neglect, misuse, alteration, contamination, or abnormal conditions of operation or handling. Resellers are not authorized to extend any other warranty on OPTRONICS's behalf.

THIS WARRANTY IS YOUR ONLY REMEDY. NO OTHER WARRANTIES, SUCH AS FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSED OR IMPLIED. OPTRONICS IS NOT LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES, ARISING FROM ANY CAUSE OR THEORY.

OPTRONICS reserves the right to change at any time without notice the design, specifications, function, fit or form of its products described herein, including withdrawal at any time of a product offered for sale herein.

To re order:

DESCRIPTION:	PART NUMBER:
Mini Fibre Inspection Probe	OPT-FIP-VD