

# IVR-OPM-9000-PON

## PON Optical Power Meter



IVR-OPM-9000-PON power meter is a small size, low loss and good quality handed-held optical power meter. It is designed for the testing, installation and maintenance of FTTX PON network, which can be used for APON, BPON, EPON and GPON network. IVR-OPM-9000-PON has two output ports for ONU and OLT/Video, which supports CW/burst upstream detection at 1310 nm and downstream signal at 1490/1550 nm. It can directly show the status of pass, warning or failure by threshold testing. IVR-OPM-9000-PON is the ideal tool for PON setting and maintenance.

*Product images are for illustrative purposes only and may differ from the actual product.*

- Handed-held, Easy-to-carry and use
- P/F testing and normal testing mode
- Two testing ports with " ONU " & " OLT/Video "
- Support 1310nm upstream CW/brust signal and 1490nm /1550 nm downstream signal
- Design for networks of APON, BPON,EPON and GPON
- Threshold programmable
- Huge data storage capability
- USB integrated
- Built-in Battery charger
- 2pcs of AAA battery as power supply
- provided Software for communicating with PC

## Specifications

IVR-OPM-9000-PON small size PON power meter				
Calibrated Wavelength	1310 nm (Burst)	1310 nm (CW)	1490 nm	1550 nm
Linearity	$\pm 0.2 @ 1550 \geq -40$ dBm			
Isolation Rate	>40@1490nm		>40@1310nm	>40@1310nm
	>40@1550nm		>30@1550nm	>30@1490nm
Measuring Range (dBm)	-30 ~ +16		-40 ~ +16	-50 ~ +16
Insertion Loss (dB)	1.5			
Broadband	1260 ~ 1360		1480 ~ 1500	1539 ~ 1565
Accuracy	0.5 db $\pm 1$ nW @ 1550 nm			
Threshold	10 groups (configure via PC-software)			
Data storage	900			
Accessories adapters	SC/PC (standard) ST/PC, FC/PC (Optional)			



● *InterVRE reserves the right to alter and amend the design, characteristics and specifications without notice or obligation.*

## Sales Contact and Technical Support

Tel: +52 5584374485 / +52 5621385218 / +52 5514749712

Email: [jessica.garcia@intervre.com](mailto:jessica.garcia@intervre.com) / [heber.vallejo@intervre.com](mailto:heber.vallejo@intervre.com)

Address: Av. Río Consulado 1674, Vallejo, Gustavo A. Madero, P.C. 07870, Ciudad de México, México

Web: [www.intervre.com](http://www.intervre.com)