

MakeID

Resource Inventory Device

Product Manual



RESOURCE INVENTORY DEVICE

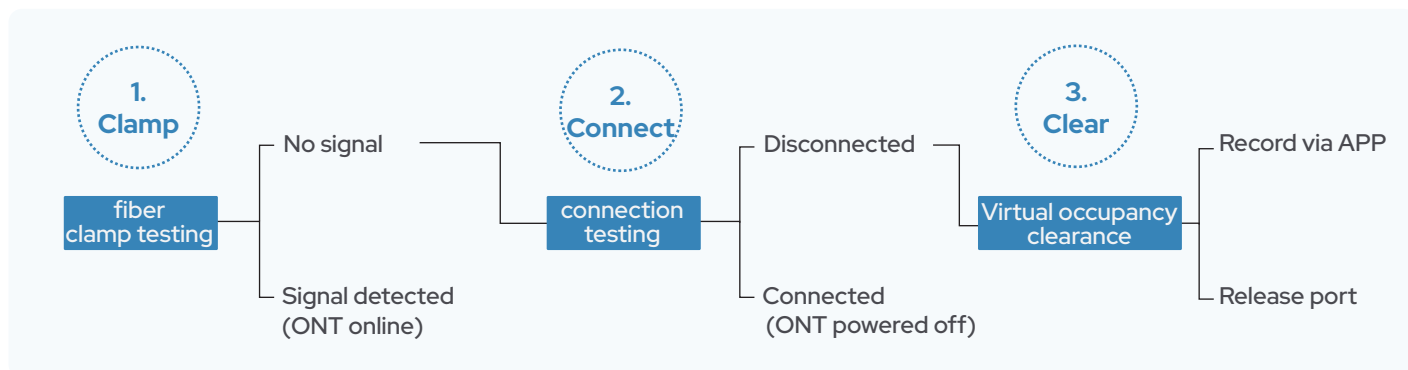
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Intro

This device is highly portable and specially designed for FTTH engineers. We have Standard and Pro version to choose.

By adopting a three-step workflow of “Clamp – Connect – Clear,” it can fast detect the falsely occupied ports of splitters without the need to disconnect optical fibers.

When used together with a mobile app, data is synchronized to the backend system in real time, enabling “clearance during installation”, thereby improving utilization and maintenance efficiency.



Features



On-line detection

Without unplugging the fiber or interrupting service, simply clamp the optical fiber to determine whether an ONT at the end is online.



Dual verification

Using fiber clamping and connection mode to run comprehensive port status test, delivering more reliable results.



One-click to upload

The results can be sent to the management system via Bluetooth. Quickly release or mark ports with simple operation.



All-in-one device

Integrates practical functions such as OTDR, optical power meter, and VFL into a single device, a perfect choice for multi-applications.

Value



Release non-used ports

Quickly identify virtually occupied ports, improving the accuracy and reducing deployment investment.



Improve Customer Service

Testing is performed within 3 seconds and no service interruption, ensuring that an available port is always ready on site.



Sync Real-time Data

On-site data can be uploaded via the APP to revise the backend system, thereby improving data accuracy.

Product Specifications

Features			Standard	PRO
	Model#		RID01	RID01PRO
Optical Fiber Testing	Wavelength		1270/1310nm	
	Connectivity		Bluetooth	
	Supported Fiber Types		G.652D: 0.9/1.6/2.0/2.5/3mm, Flat Drop Fiber Cable(white)	
	Testing Method		Detect upstream light leaking from the fiber	
	Test ing Method		Light Present/No Light	
Connection Testing	Measurement Method		Connect to the optical route	
	Upstream Light Test	Wavelength	1270~1310nm	
		Testing Method	Detect the light within the fiber	
		Result	Light Present/No Light	
	Return Loss Test	Wavelength	1310±20nm	
		Testing Method	Return loss value	
		Result	Connected/no service/fiber broken	
Optical Power Meter Functions	Wavelength		1270/1300/1310/1490/1550/1577/1625/1650nm, 1490+1577nm	
	Optical Connector		2.5mm universal port	
VFL Function	Wavelength		650±20nm	
	Output Power		15mW	
	Mode		Steady on/flashing 2Hz±1Hz	
OTDR Functions	Output Wavelength		\	1310±20nm
	Measurement Dead Zone		\	5m/15m
	Maximum Measurement Distance		\	20Km

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