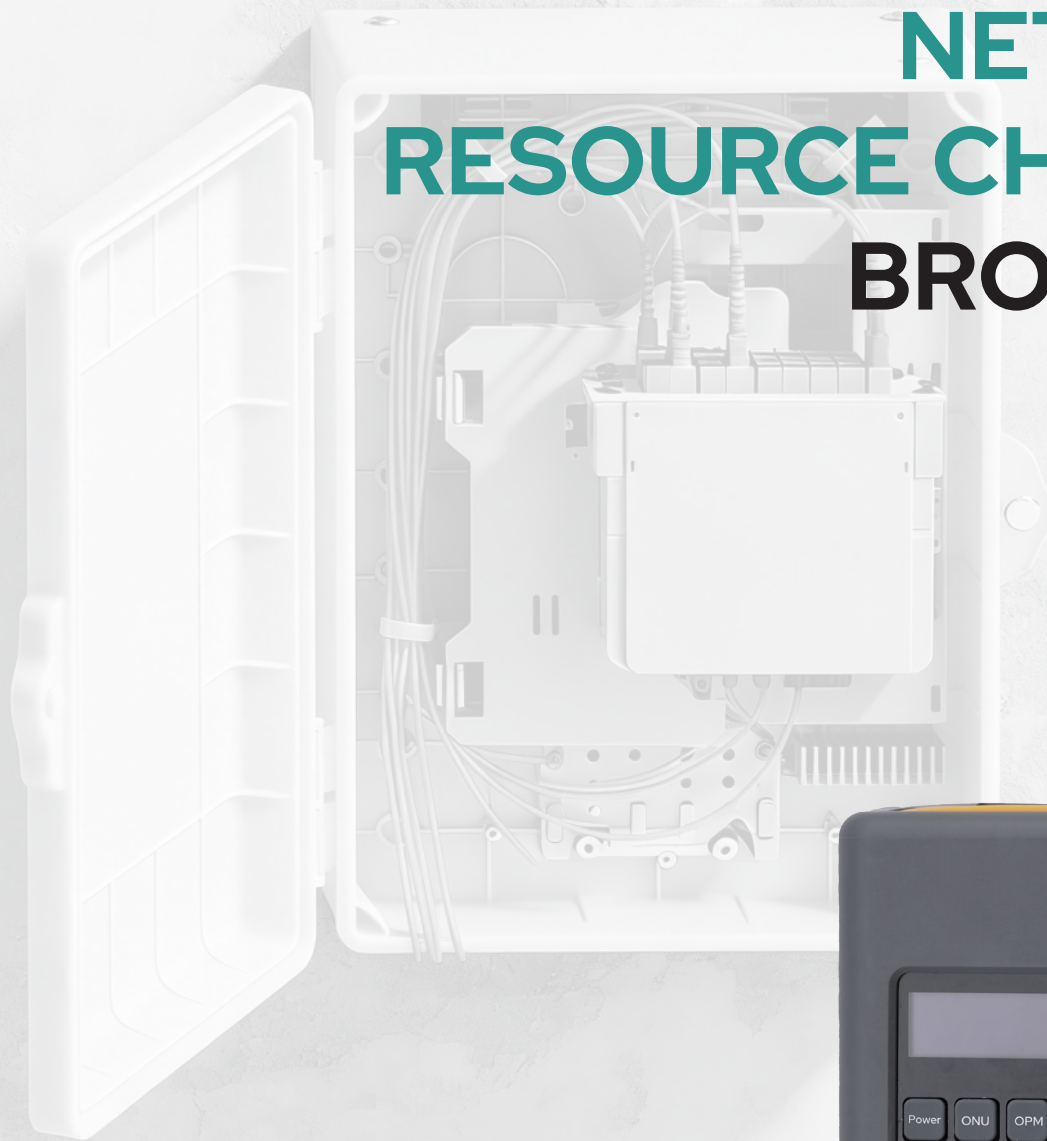


MakeID

NETWORK RESOURCE CHECKER BROCHURE



NETWORK RESOURCE CHECKER

CHONGQING PINSHENG TECHNOLOGY CO., LTD.

Product Overview

The Network Resource Checker is designed for FTTX scenarios to read network resources without entering the home. It enables fast acquisition of subscriber information associated with ONUs and determines line status (online, offline, or disconnected). The device can accurately identify and release falsely occupied ports, improving overall network resource utilization.



Application Scenario



PRIMARY SPLITTER VERIFICATION



SECONDARY SPLITTER VERIFICATION

Key Features



Online Resource Verification

Instantly reads ONU subscriber information such as account, SN, LOID, and MAC address



High-Precision OTDR Testing

Accurately identifies available fibers, in-service fibers, and fault conditions



Rogue ONU Identification

Quickly locates rogue ONUs by analyzing ONU transmission time slots



Upstream & Downstream Optical Power Meter

Supports batch reading of upstream and downstream optical power across PON networks, assisting in weak signal analysis



In-Service Testing

Enables inline testing without service interruption, ensuring no impact on user traffic during the testing process



Practical Value

Accurate Identification of Available Port Resource

Quickly identifies falsely occupied and misallocated ports, improving port resource accuracy and reducing unnecessary newly deployment.

Reduce Maintenance and Troubleshooting Costs

Avoid repeated site survey and incorrect unplugging, significantly shortening fault location time.

Product Specifications

Parameter	Specification
Model	NRC01
Optical Ports	2 × SC/UPC ports
Electrical Ports	2 × 100 Mbps RJ45 ports; 1 × TYPE-C port (for charging)
Wireless Connectivity	Bluetooth
Protocol Analysis	Reads ONU data: Account, LOID/Password, SN, MAC
PON Optical Power Meter	1310 nm: -30 ~ +5 dBm; 1490 nm: -30 ~ +5 dBm
OTDR	Dynamic Range: ≥ 7 dB, Pulse width: 3ns, Event Dead Zone: ≤ 2 m, Attenuation Dead Zone: ≤ 6 m, Sampling Points: 4000, Measurement Range: 1 km Sampling Precision: 0.25 m, Distance Accuracy: ≤ 0.5 m, Loss Accuracy: 0.1 dB, Linearity: 0.1 dB
Power Supply	7500 mAh lithium-ion battery; input: 5 V / 2 A
Operating Temperature	-10°C ~ 50°C
Humidity	5% ~ 95% RH, non-condensing
Dimensions	175 × 94 × 46.5 mm
Weight	700g

LABEL ALL THINGS · PERCEIVE THE WORLD



Chongqing Pinsheng Technology Co., Ltd.

FT@makeid.com www.makeid.com V2.0

Add: No. 7-1, Building 5, Middle Section of Huangshan Avenue,
Northern New District, Chongqing, China