

S2103 SERIES MINI-PRO OPTICAL TIME DOMAIN REFLECTOMETER



8 Function Modules
Meet all your test



iONM-Event Map
Intelligent link analysis



Signal Detection
Effective APD protect



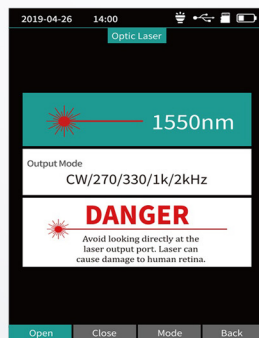
Remote Upgrade
Latest technical support



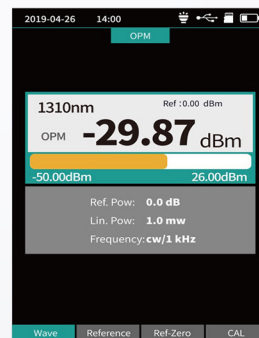
RJ45 Test
Broadband install and maintain



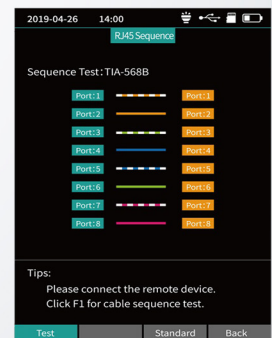
iONM-Event Map



LS



OPM



RJ45 Sequence & Length & Tracker

Introduction

Saluki S2103 Series is one small and economic handheld OTDR. The unique RJ45 Ethernet Cable Sequence Test can make the broadband install and maintain more convenient and faster.

Applications

- ※ FTTx test
- ※ Lab and factory test
- ※ Live fiber troubleshoot
- ※ Broadband install and maintain
- ※ CATV/ LAN/ Metro/ Access network test

Product Features

High performance test

24dB dynamic range
3m event blind zone
60km precision test
Online detection -APD effective protection

Multifunctional test - High configuration

Dual-wavelength OTDR
Intelligent optical network map (IONM)
RJ45 cable length measurement
RJ45 line-tracker measurement

Multifunctional test - Standard configuration

OTDR
Stable laser source (LS)
Visual red light fault location (VFL)
Optical power meter (OPM)
RJ45 Ethernet cable sequence measurement
Flashlight

Convenient operation

File auto saving
One-click automatic test
Test results automatic analysis

Convenient data processing

SOR file batch processing
Remote upgrading
Batch export of USB data files

High reliability

12h continuous measurement time
20h super long standby
1.5 meter drop test
Waterproof and splash proof
Operation temperature -10°C to 50°C

Technical Specifications

Model	S2103S	S2103D
Wavelength	1550nm ± 20nm	1310/1550nm ± 20nm
Fiber Type	G.652	
Dynamic Range	22dB	24dB/22dB
Event Blind Zone	3m	
ATT Blind Zone	8m	
Test Range	500m - 64km	
Pulse Width	3ns - 10us	
Ranging Accuracy	± (1m + Sampling interval + 0.005% x Test distance)	
Loss Accuracy	±0.2dB/dB	
Reflection Accuracy	±3dB	
Sampling Points	16k - 128k	
Sampling Resolution	0.05m - 18m	
Laser Safety Level	Class II	
File Format	SOR (standard format)	
Data Interface	Micro USB	
Data Storage	Internal: ≥600 curves, External: TF card	
Optical Interface	FC/UPC (Interchangeable SC, ST)	
Laser Output Power	≥ -5dBm	
RJ45 Cable Test Range	300m	
OPM Wavelength Range	800nm - 1700nm	
OPM Measurement Range	-50dBm to +26dBm	
VFL Wavelength	650nm ± 20nm	
Battery Life	Standby >20h, Measuring time >12h	
Display & Size	3.5 inch color LCD	173mm*82mm*37mm