



Home > Products > Mini-OTDR For Local Area Network

NK4200 Mini-OTDR



Product overview

Small and portable, smooth operation

Mini Optical Time-domain reflectometer



POWERFUL
FUNCTIONAL EXPERIENCE



OTDR



OPM



VFL



Event Map

Laser Source

Sequence&Tracker

One machine in hand Both installation and maintenance are available

It has all the functions

OTDR, Event map, VFL,
Laser source, flashlight
OPM, Sequence&Tracker



Full Touch capacitive screen operation smooth

One-hand control
smooth touch screen



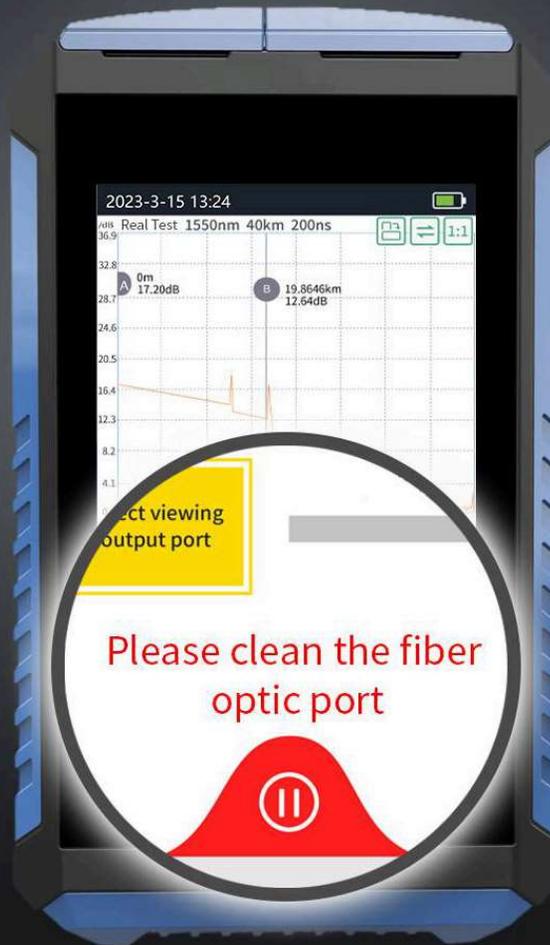
Bluetooth communication supports APP Operation

Mobile app can be realized
wireless control and data
sharing, support printing



Optical Network Tester

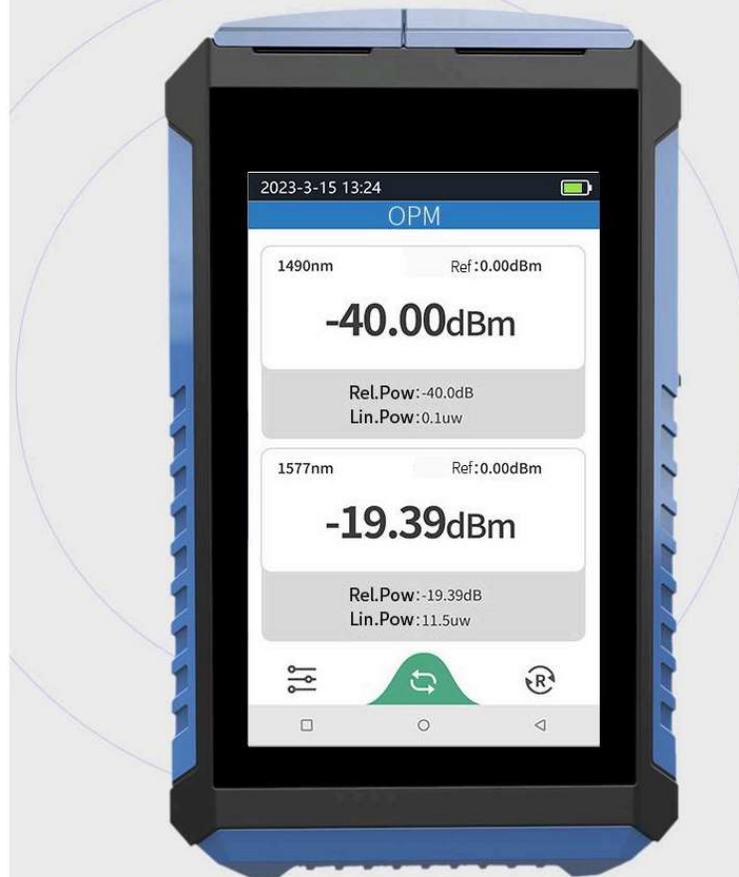
The judgment of coupling state of joint is intuitionistic and concise



Optical Network Tester

OPM supports simultaneous and accurate measurements at 1490nm/1577nm

Splitting optical power meter interface
(Splitting optical power meter is optional)



Ordinary optical power meter interface





Optical Network Tester

Support 1490/1577 nm band light test

Easy to test the break point, Bend, loss point, support splitter identification, display intuitive



Optical Network Tester

Support guide cable and Receiving cable setup

Users can customize the length of the guide cable and the receiving cable



The 1310&1550 dual wavelength models support dual wavelength testing and can measure macro bends





Optical Network Tester

The minimum blind area is 1.5 m
the maximum dynamic
range is 26 dB

1550nm support 1490/1577nm band light test support 3m
Jumper Test, the longest test distance of 100km



Optical Network Tester

Support horizontal and
vertical screen switch display
clear eye protection

Large font, clear display, eye protection





Optical Network Tester

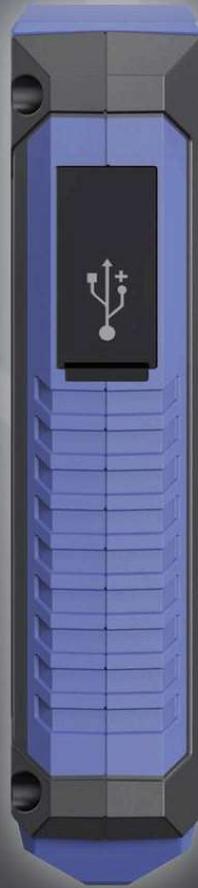
High performance processor
curves support
gesture amplification



Optical Network Tester

Charging interface
power input protection

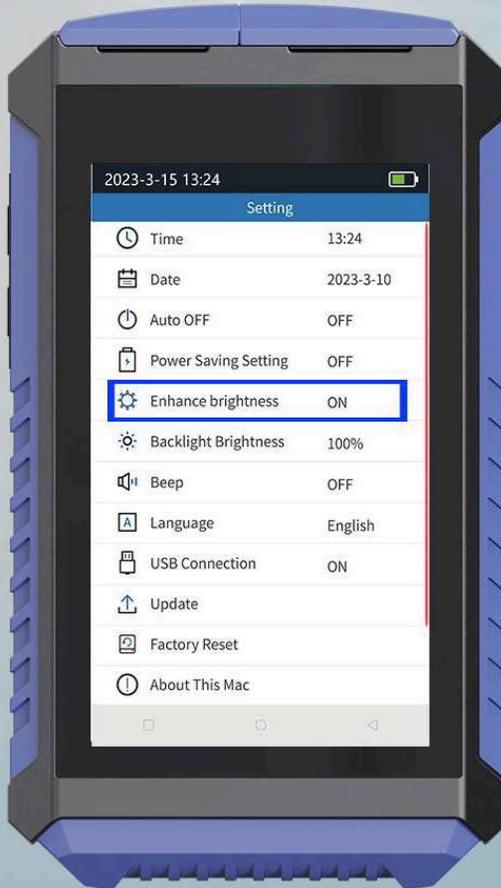
The highest pressure resistance is higher than 24V



Optical Network Tester

The screen is clearer in strong backlight mode in daylight

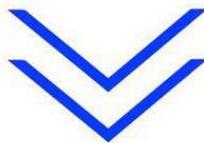
Suitable for a variety of different environments



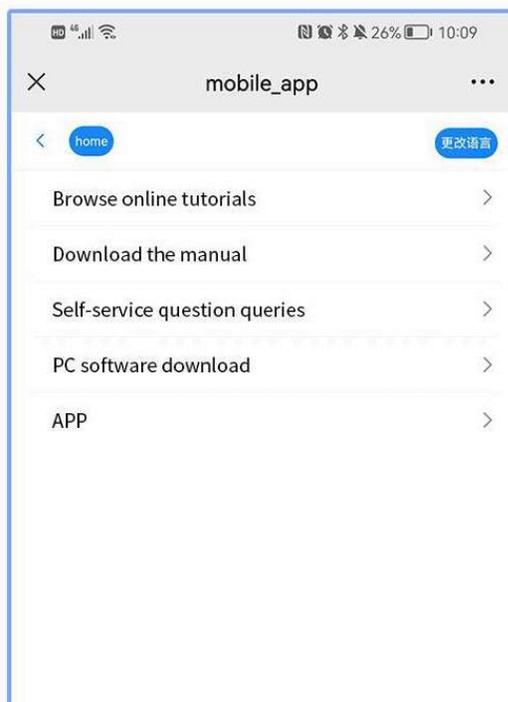
Optical Network Tester

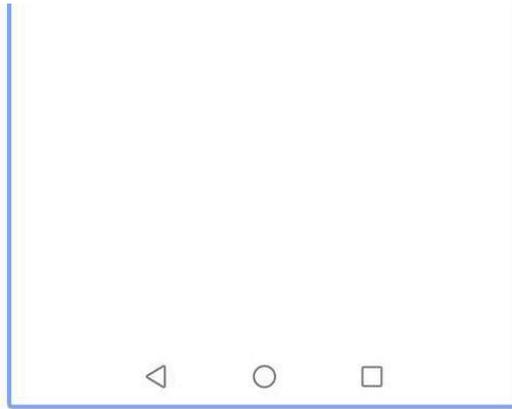
Operation Video can be obtained by scanning two-dimensional code





The page you see when you scan the code





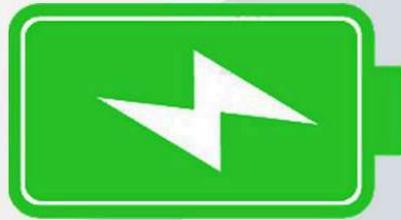
Optical Network Tester

Small body big energy super long standby

It can work for a long time and work at ultra-wide temperature

About 10 hours
Standby time

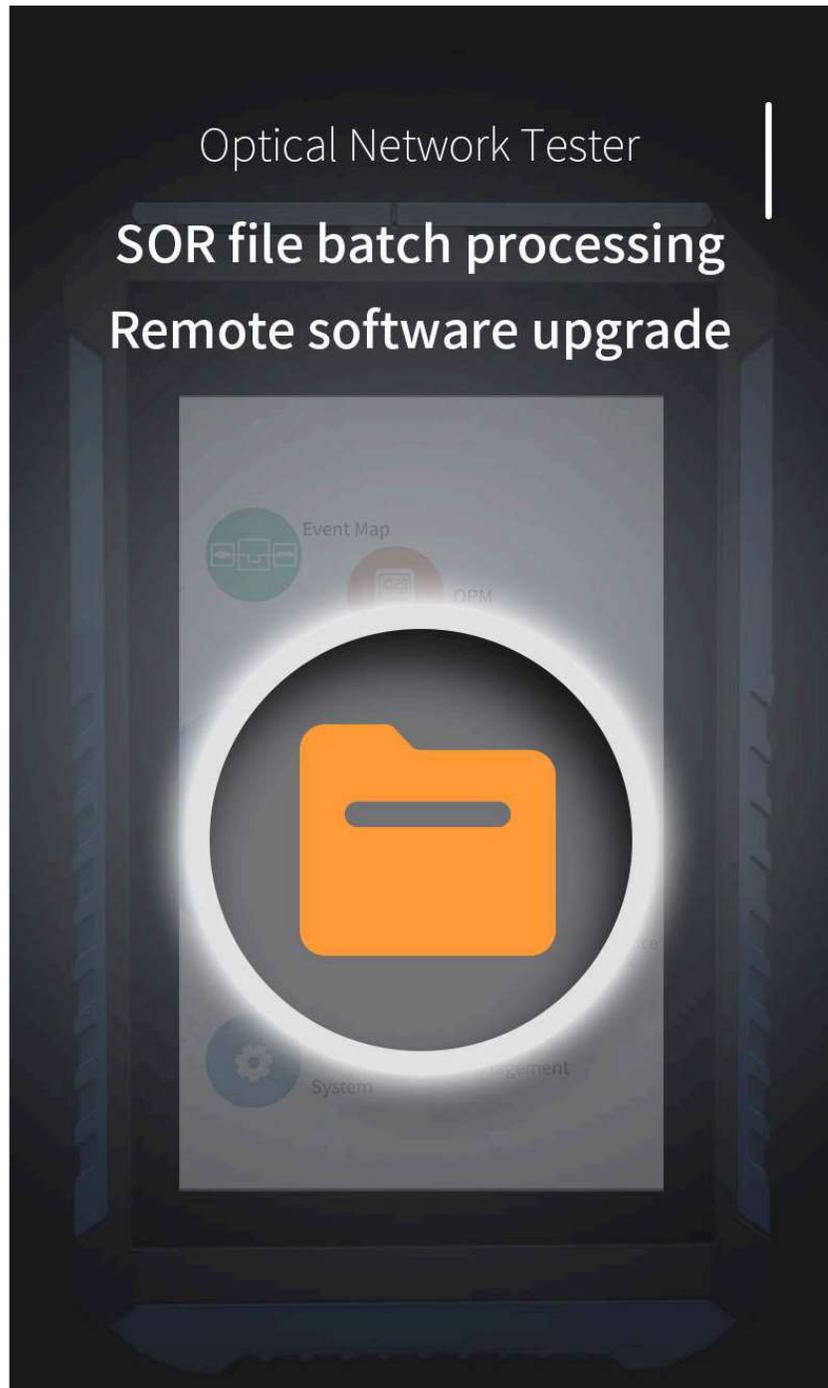
About 6 hours
Continuous working hours



Optical Network Tester

SOR file batch processing

Remote software upgrade



PRODUCT PARAMETERS

Model

G.652 SM

Number	F1	F2	F3	F4	D1 (No Live Test)
Wavelength	1550nm±20nm	1610nm±20nm	1625nm±20nm	1650nm±20nm	1330/1550nm
Dynamic Range	24dB	24dB	24dB	24dB	26/24dB

Event Blind Zone

1.5m

ATT Blind Zone

8m

Linearity

±0.05dB/dB

Ranging Accuracy

**± (1m+Sample interval
+0.005% × Test distance)**

Test Range

**100m/300m/500m/1.25km/2.5km/5km/10km/20km/
40km/80km/125km**

Pulse Width

**5ns/10ns/20ns/30ns/50ns/80ns/100ns/200ns/300ns/
500ns/800ns/1μs/2μs/3μs/5μs/8μs/10μs/20μs**

Max Sample Points

≥20000

Max Sample Resolution

≤0.03m

Loss Resolution

0.01dB

Refractive Index

1.00000~2.00000

Power Supply

**AC/DCadapter: input: 100V~240V, 50/60Hz, 0.6A
output: 5V, 2A, Lithium battery: 3.7V, 4000mAh**

Connector

SC/UPC or SC/APC

Note:

1550nm test capability with live: can test fiber with 1310/1490/1577nm signal (power ≤+5dBm)
1610nm test capability with live: can test fiber with 1310/1490/1550nm signal (power ≤0dBm)
1625nm test capability with live: can test fiber with 1310/1490/1550/1577nm signal (power ≤0dBm)
1650nm test capability with live: can test fiber with 1310/1490/1550/1577nm signal (power ≤+5dBm)

* The display interface of the product is mainly based on physical objects

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