

LEA-PDA-337

Telecom Test PDA

An intuitive **COPPER** or **OPTICAL FIBER** test and measurement tool

VDSL2+
(35B, GFAST)

TDR

OPM

VFL

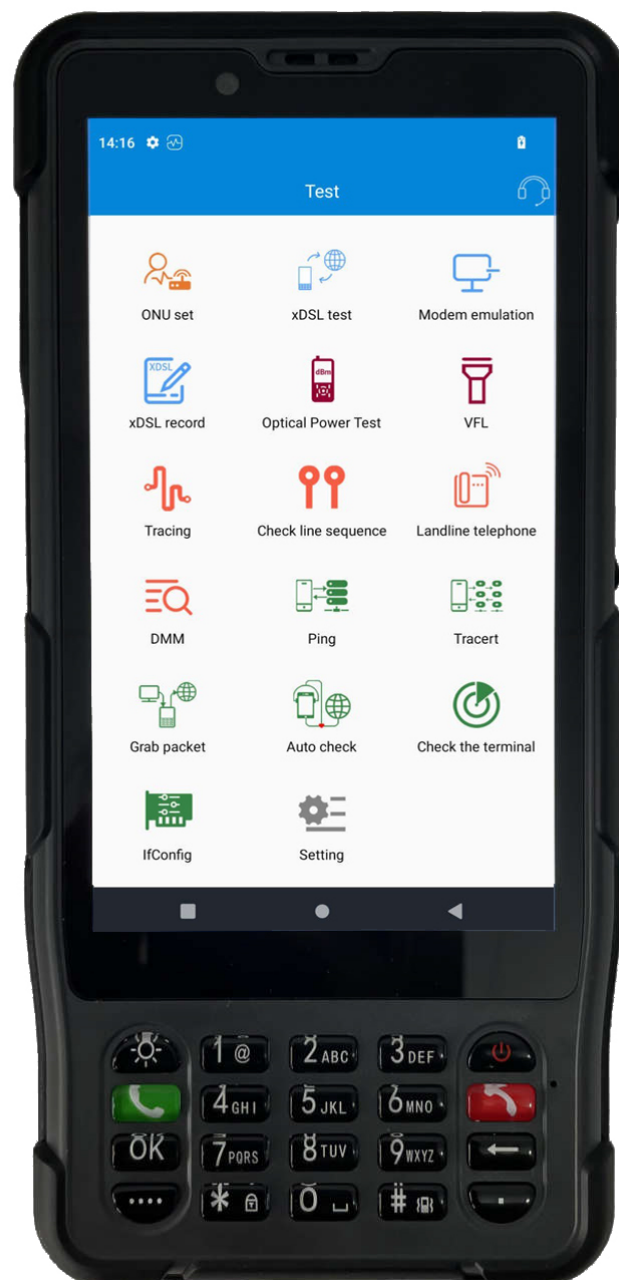
ANDROID

Data download

Cable Tracker Check Line

IPTV Speed Test Barcode Scan

**Barcode reading speed
reading test**



Android 12 4G, 8 Core CPU, 2GHz

Equipped with management system

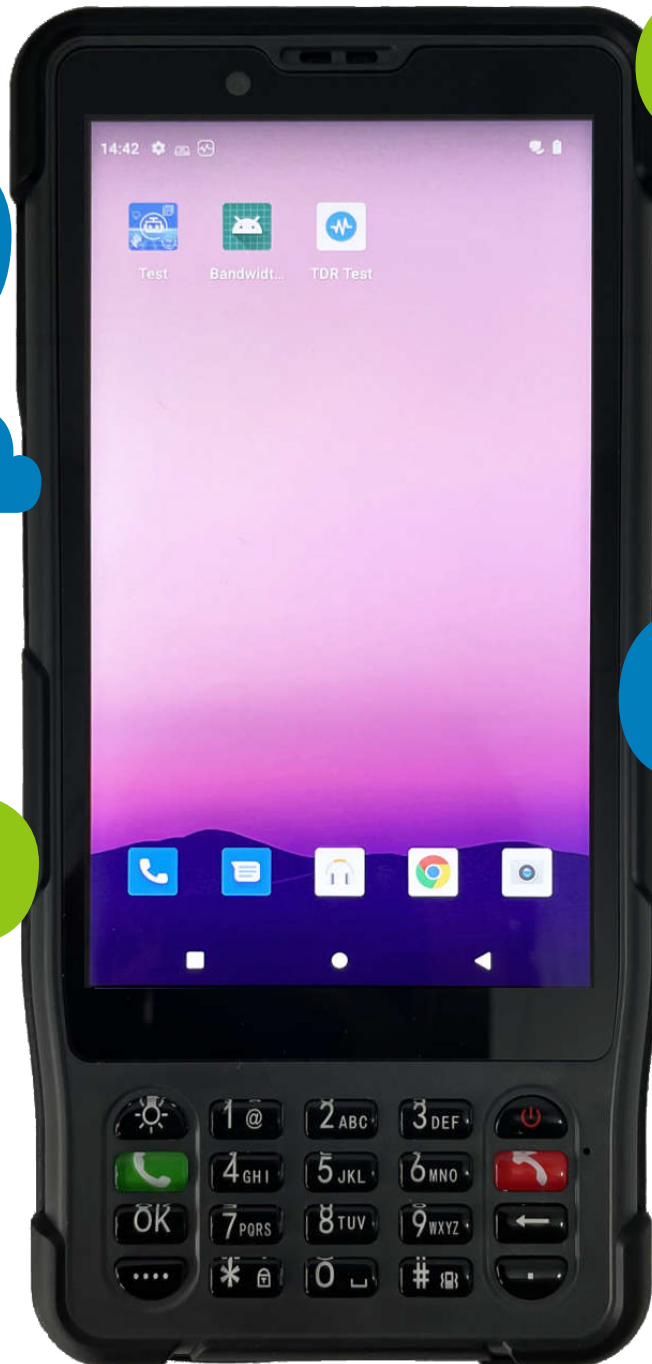
Realize intelligent management of engineers, tools and materials

Install client terminal
management system

Upload the Testing
Results to Cloud

Effectively manage
the field engineers

Replace PC and
Smart phone

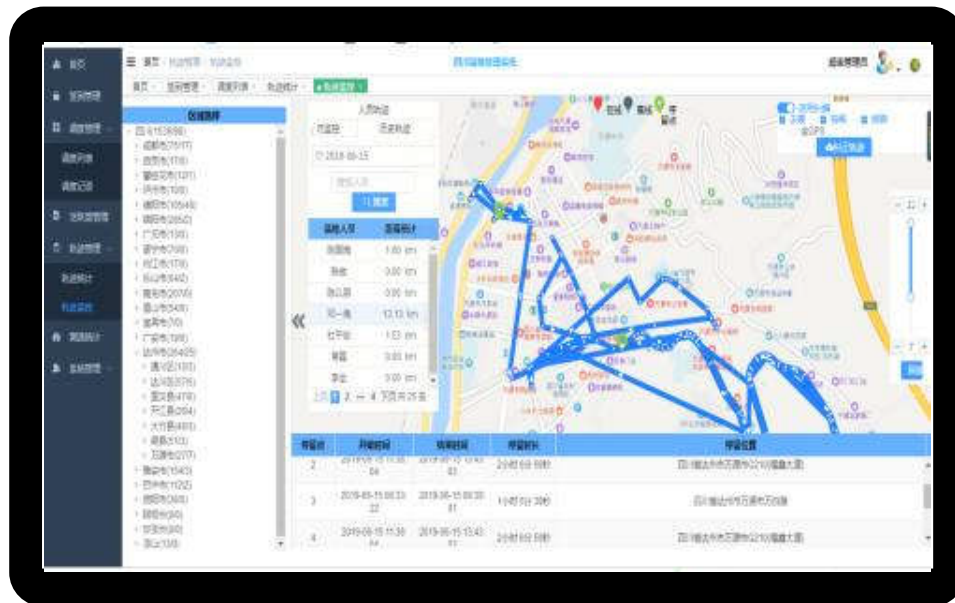


PDA Mangement Platform

Track statistics: The movement distance and track of personnel can be formed into statistical data

Track Monitoring: Realize real-time monitoring of the current position of personnel and equipment

Device Positioning: Real-time positioning of the current position of the device, providing tracking means when the device is lost.(GPS)



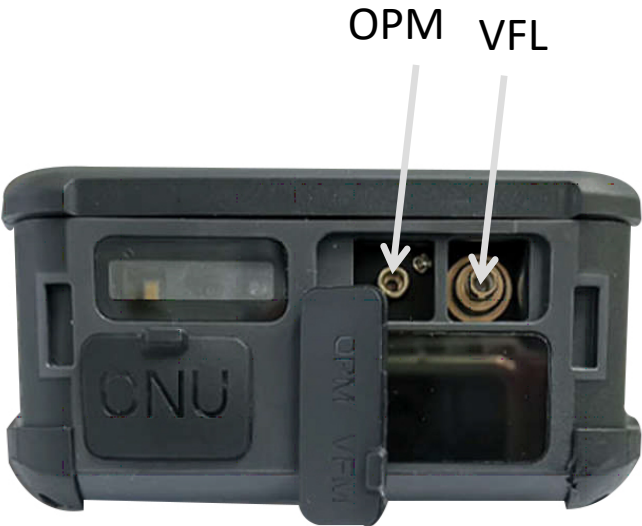
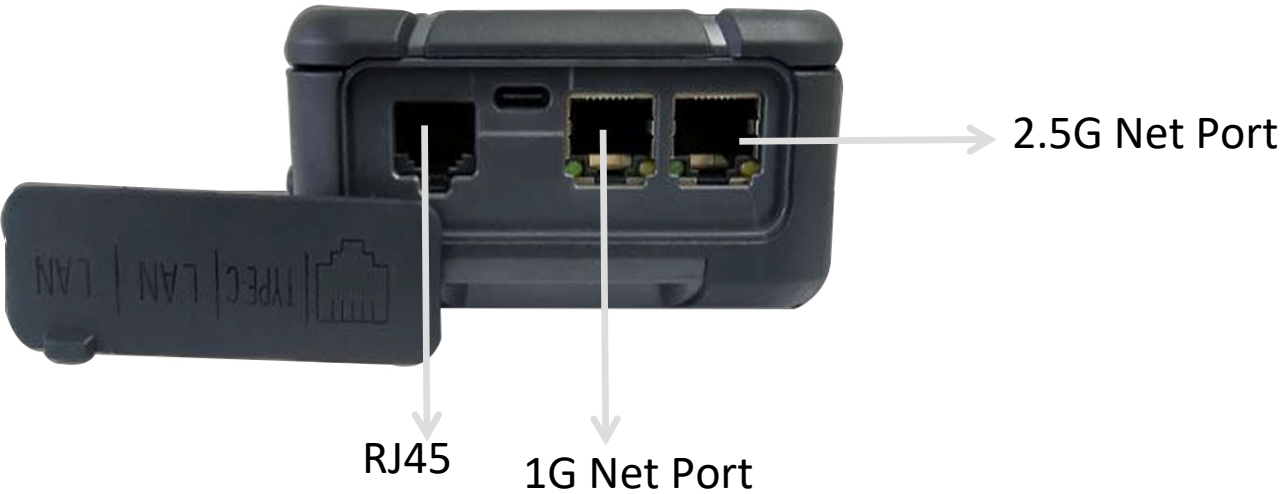
Construction quality control

Employee management

Working track view

Statistical analysis of data

All functions in one fiber or copper Interface set



FTTH Troubleshooting

VFL Function

- Stable Red Light
- Help to check the connectivity of the link
- 3 MW



OPM Function

- Support 800nm~1700nm
- High Accuracy, Up to 0.1db
- 10G Power Meter Optional
- 850/1300/1310/1490/1550/1577nm test optional

OTDR Function

- Support 1310/1550nm
- Dynamic range 26/24db
- Support Event map



ONU Function

- EPON link info /GPON link info
- ONU State: LOID State/PON State
- ONU Settings: LOID Password/ MAC/SN

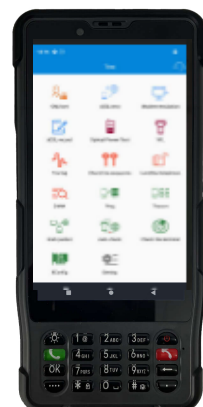


IPTV Simulation

- Support HDMI HD
- 4K, HD1080P, HD1080I, HD720P, SD480P, VGA, Auto
- Help troubleshoot TV problem

Network Test (Replace PC)

- PING, TRACERT, IFCONFIG, ROUTE
- PPPOE, LAN



Copper Cable Test

DSL Line Test

- Support ADSL/VDSL/VDSL2/VDSL 35b/G.fast
- Physical Layer Info/ PPPoE Dial/ FTP Client
- Fixative IP /Network Layer Test/Modem Emulation
- PING/VLAN, HLOG,QLN/ Error Code Statistics
- Bit Graph Display /BPT /SNR Data
- Modem Parameter Setting(VPI/VCI)



TDR Function

- Check line mix and break fault
- Auto and manual distance test
- 4km/8km optional

DCMM Test

- DC Voltage Test
- AC Voltage Test
- Loop Resistance Test
- Capacitance Test
- Insulation Test



RJ45 Cable Tracker

- Network cable, twisted pair cable, telephone line, USB cable, coaxial cable
- Determine open or short circuit
- Positive and negative of DC voltage
- No less than 3km
- No more than 48V



RJ45 Check Line Sequence

- Support generate network line signal to view the network check line sequence with the receiver
- Easy to operate: determine the line sequence by receiving side lights order

Landline Telephone

- Connector with telephone line
- Can be used as landline



OTDR Specification

OTDR	
MONOMODE	
Wavelength	1310/1550 ± 20nm
Dynamic Range	26dB/24dB
Event Blind Zone	2.5m
ATT Blind Zone	8m
Test Range	500m/1km/2km/4km/8km/16km/32km/64km/100km
Pulse Width	3ns/5ns/10ns/20ns/30ns/50ns/80ns/160ns/320ns/500ns/800ns/ 1us/2us/3us/5us/8us/10us/20us
Ranging Accuracy	± (1m+sample interval +0.005% xTest distance)
Linearity	≤ 0.05dB/dB
Sample Points	16k~128k
Sample Resolution	0.05m~8m
Loss Resolution	0.001dB
Loss Threshold	0.20dB
Range Resolution	0.001m
Refractive Index	1.00000-2.00000
Reflection Accuracy	± 3dB
File Format	SOR Standard File Format
Loss Analysis	4-point method / 5-point method
Connector	FC/UPC (Interchangeable SC, ST) Or SC/APC

Order Information

LEA-PDA-337-R
OTDR Module
1D/2D Bar Code Scanning Module for goods management (symbol SE2100)
Optical Power Meter Module
VFL Module
Cable Tracing
Check line sequence
IPTV Test
DMM Function
Cable fault locator (TDR) 8KM
Landline Telephone

LEA-PDA-337-V
VDSL2 Module
1D/2D Bar Code Scanning Module for goods management (symbol SE2100)
Optical Power Meter Module
VFL Module
Cable Tracing
Check line sequence
IPTV Test
DMM Function
Cable fault locator (TDR)
Landline Telephone



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Smart Solutions for Smart Networks

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