



## GENERAL:

The Smart Device for industrial application is gradually becoming the mainstay for the development of the market. Aiming at the management and test need during the telecommunication operation and maintenance.

The ST327 series, a handheld intelligent tester is especially designed for the telecommunication operation and maintenance domain. It adopts mainstream Android operating system, which combine industrial smart device and optional telecom test functions like ADSL/VDSL tester, Optical power meter, VFL, Barcode scan, Cable tracing, ONU, IPTV test, DMM, Check line sequence and Landline telephone etc.

- ▶ **System Platform:** Mainstream Android operating system, Telecom operators can install any application program or software.
- ▶ **Wi-Fi:** 5GHz support (IEEE 802.11ac)
- ▶ **Powerful functions:** 4G Android OS Smart Device + VDSL2 Tester (Model ST327-V)
- ▶ **Reliable and durable:** Industrial grade design, strong endurance, economical and durable.
- ▶ **Outstanding Value:** It can improve the installation and maintenance efficiency and control efforts; effectively integrate and explore the human resource value; improve the image of telecommunication installation and maintenance as well as the subscribers' perception.

## FEATURES:

### ▶ **Fast processor**

CPU is MSM8929, 1.2GHz, 4 Core and the system adopts Android 5.1 operation system.

### ▶ **Strong protection for bad environment**

It can apply to the bad environment, which can resist multiple dropping impacts from 1.2m high; good water-proof and dust-proof effect; durable and long life span.

### ▶ **Visible 5 inch LCD in the sunlight**

It is 5 inch vertical screen LCD, 720×1280 high resolutions; with pressure sensitive touch screen and semi permeable TFT IPS LCD readable display. Its particular non glare and reflective technology make the work in the wild sunlight more easy and convenient.

### ▶ **The storage capacity is big and extensible**

TF card supports 64GB cards, which can basically satisfy regular information and data storage. It adopts portable change design. There is no need to open the tester and you can remove the battery with the knob. The battery capacity is as high as 8200 mAh.

▶ **Advanced battery installation design and strong endurance**

Due to the lithium battery capacity of 8200 mAh and low-power design, the duration will be more than 3 days under routine operation.

▶ **Multi-functional module integration**

- The built-in fixed network test module can do ADSL/VDSL test, LAN test and Modem emulation.
- 8 million pixels postposition camera makes the image data collection convenient.
- Support 4G: 850/1800/2100MHz (FDD-LTE), 1900/2300/2500/2600MHz (TDD-LTE)
- Support 3G: 850/900/2100MHz
- Support GSM: 850/900/1800MHz
- Support 1D CCD bar code scan

▶ **Reliable process design**

It adopts advanced manufacturing process which is reliable and convenient to assemble.

## MAIN FUNCTIONS:

▶ **Smart Device Function**

Dialing call and answer	Message	Video and Camera
Call Records	Alarm Clock	Calendar
Setting	Address Book	Digital Album
File Management	Calculator	Notepad
Media Player	Recorder	Flashlight

▶ **Test Function**

xDSL Test	Physical Layer Info	Net Card
PPPoE	FTP Client	Network Layer Test
Fixative IP	Modem Emulation	PING

## SPECIFICATIONS:

	Smart Device
Display screen	720X1280TFT, true color LCD, touch screen
Operation system	built-in Android 5.1 operation system
System	MSM8929, 1.2 GHz 4 Core RAM 2G bytes Flash 16G bytes supports TF memory card (The biggest capacity is 64GB)
Mobile Protocol	FDD/TDD/WCDMA/EVDO/GSM
Wi-Fi	IEEE 802.11 b/g/n/ac
Bluetooth	4.0
Power Supply	Rechargeable 3.8V 8200mAh polymer battery and the max power is 3W
Camera	8 million pixels post position camera and support auto focus and flash function
Interfaces	Line (RJ-11), LAN (RJ-45), USB, Headset

# ST327-V Smart VDSL2 Tester

<b>Dimension</b>	181mm x 87mm x 45mm
<b>Weight</b>	550g
<b>Standard Package</b>	ST327, Charger, Ethernet patch cable, USB cable, Touch pen, User manual, Carrying case
<b>VDSL2 Module</b>	
<b>Chipset</b>	Broadcom
<b>Standards</b>	ADSL 1/2/2+ (G.992.1annex A/ G.992.3annex A,L/ G.992.5annex A,M) VDSL2 (G.993.2annex A,B/ G.993.5), support vectoring
<b>Support Profiles</b>	- 8a, 8b, 8c, 8d, 12a, 12b, 17a
<b>xDSL Test</b>	<ul style="list-style-type: none"> <li>- Attenuation</li> <li>- Noise margin</li> <li>- Up channel speed (Inter/Fast mode) 0-100M</li> <li>- Down channel speed (Inter/Fast rate) 0-100M</li> <li>- Up/down maximum rate and capacity ratio 0-100M</li> <li>- Bits, SNR, HLOG and QLN/tone in graph/table</li> <li>- Errors (CRC, HEC, FEC, LCD, OCD)</li> <li>- Output power</li> <li>- State display: signal loss, connection close.</li> <li>- DSLAM information</li> <li>- Error Code Second</li> <li>- Impulse Noise Protection (INP)</li> </ul>
<b>Modem Emulation</b>	- Modem, router and terminal mode
<b>Network Layer Test</b>	- ifconfig, route, ping and tracert

**Up View**



**Bottom View**



**Back View**



**Side View**



**SEENTER**

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