

LMX7-ITCAAS

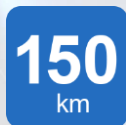


New Generation Multifunction CCTV Tester Combined with OTDR

4K H.265 IP Camera Tester



OTDR



Max 150KM



Optical signal detection



Laser Source



OPM



VFL



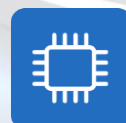
Optical loss test



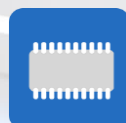
WIFI



4K H.265



4 Core CPU



LPDDR4



UTP cable test



Digital cable tracer



POE power



Network Tool



RJ45 TDR length

Features

OTDR

- **5.4 inch** IPS touch screen, 1920*1152 resolution
- 1310/1550 wavelength, 28/26 Dynamic range, **max test range 130KM**.
- Stable laser source, support CW/270/330/1000/2000Hz
- Test fiber's length, loss, attenuation parameters and event map, locate connection point/ fusion point
- Automatic analysis of various linkers/fusion points, easy analyze of various events
- Save and view the testing curves, support zoom and move curves, view details.
- Support saving curves number ≥ 30000 pcs
- Support create testing report, including curve trajectory graphs, parameter settings, fiber event information, and fiber link information
- Report saved as EXCEL, PDF, or screenshots format etc
- Loss test, detect the optical or optical components loss value

Camera test:

- 5.4 inch IPS touch screen, 1920*1152 resolution
- 4K H.265 video display via mainstream
- Analog camera test and PTZ control
- TVI 4.0/ CVI 5.0/ AHD 4.0 camera test, UTC control & call OSD menu
- AXIS, Hikvision, dahua camera testing, enter ONVIF app, input username and password to test
- DC24V 2A, DC12V/3A, 48V PoE power output, temporarily supply power for the camera
- Chrome browser, test and set Axis camera
- Support CVI 5.0 Audio testing
- Rapid video, just by one key to detect all network cameras and auto display
- Built in Wi-Fi, display image from the wireless camera, create WIFI hotspot
- 4K 30FPS HDMI input
- 1920*1080P VGA input

Cable test:

- Improvement cable tester, UTP cable, telephone cable etc sequence and continuity test, save testing report. Support detect the near-end, mid-end and far-end fault point of the RJ45 cable plug
- RJ45 cable TDR test, cable pair status and length test, max test 600 meters.
- Cable tracer, search BNC cable, network cable and telephone cable from the mess cables

Other functions:

- New Power management file, output power and input power management interface, to quickly check PoE48V, 24V2A, 12V3A power and voltage
- POE & power information, DC12V & PoE power and voltage output / input measurement
- Tester Play: Tester, android version mobile phone and PC display at the same time
- Shortcut button, drop-down menu, can select Poe power, IP setting, CVBS, LAN info, HDMI IN etc
- Advanced Network Tool, Scan IP, Route tracking, Socket debugging, ping packet test, DHCP, PPPOE, LLDP testing etc
- 7.4V 5200mA Li-ion Battery, 2.5 hours charging, normal working time lasts 11 hours

Specification		
Size & Display	5.4 inch IPS touch screen ,1920*1152 resolution	
Network Port	One 1000M LAN port, 10/100/1000M auto adapt	
WIFI	Built in 2.4G WIFI, speeds150M, display wireless camera image	
H.265 mainstream test	H.265 & H. 264 IP, 4K video display via mainstream	
IP camera test	Support 500 brands IP camera test	
IP discovery	Auto-scan the whole network segment IP address	
HD coaxial camera test	TVI 4.0/ CVI 5.0/ AHD 4.0 camera test, UTC control & call OSD menu	
CVBS camera test	1 channel BNC input & 1 channel BNC looped output, NTSC/PAL (Auto adapt)	
Zoom Image	4x zoom, enlarge image, screen snapshot, save, view and record and playback	
RJ45 cable TDR test	RJ45 cable TDR test, cable pair status and length test, max test 600 meters.	
HDMI input	4K 30FPS HDMI input	
VGA input	Support 1280x1024/960/800/768/720P 60FPS, 1152x870P 60FPS, 1024x768P 60FPS, 800x600P 60FPS, 640x480P 60FPS resolution	
Power output	48V PoE/ 24V 2A/ 12V 3A / 5V 2A power output	
UTP cable test	Test UTP cable connection status and display on the screen. Read the number on the screen. Detect the near-end, mid-end and far-end fault point of RJ45 cable connector, also can test shield cable	
Data monitor	Captures and analyzes the command data from controlling device, also can send hexadecimal	
Network test	Trace route, Link monitor, DHCP server, port flashing, Ping test	
Digital Cable tracer	Search BNC cable, network cable and telephone cable from the mess cables. Cable tracer and UTP cable test app in the same interface, also can search shield cable	
Electroscope	Voltage range	AC12-1000V
	Frequency	50/60Hz
	Alarm type	Sounds and light double alarms
	Level	CAT.III 1000V / CAT.IV 600V;CE
PoE Voltage test	Measurement POE switch or PSE power supply voltage and cable connection status	
Visual fault locator	10mW visual fault locator with 650nm wavelength, emit red laser sources to test multi-mode and single mode fiber’s bending and breakage, test range 8KM	
Optical power meter	Wavelength:1625nm,1550nm,1490nm,1310nm,1300nm,850nm,measurement range ,-70 ~ +10 dBm, for optical power testing and Fiber link loss relative measurement	
Power		
External power supply	DC 12V（2A）	
Battery	Built-in 7.4V Lithium ion battery, 5200mAh	
Rechargeable	After charging 2.5 hours, normal working time 11 hours	
Parameter		
Operation setting	OSD menu, select your desired language: English, Portuguese, Korean, Russian, Italian, French, Polish, Spanish, Japanese, Turkish, Deutsch, Serbian, Czech, Vietnamese etc	
Auto off	5-30 (mins)	

Working environment	
Working Temperature	-10℃---+50℃
Working Humidity	30%-90%
Dimension/Weight	264mm x 182mm x 43mm / 1KG

Packing list

- 1) Tester
- 2) Digital Cable tracer/ RJ45 to BNC connector
- 3) Adaptor DC12V 2A/ 8GB TF card
- 4) Li-ion Battery (7.4V 5200mAh)
- 5) Tool bag / DC12V Power cable/BNC cable/ RS485 cable/RS485 port/ Audio cable/ Safety cord
- 6) SC connector, Fiber test head
- 7) BNC alligator clip
- 8) OTDR test report
- 9) User Manual

