

# Network tester & Cable tester with cable tracer prober

## Applications:

The product M-CT-430B can be used for network cable project installation and maintenance, computer room detection, maintenance and CCTV system installation.

M-CT-430B features a **built-in TDR that tests for opens, shorts and length (1200m max) on UTP, CAT 6e/5e, BNC and telephone line cable**, combined network ping testing, port flashing, and IP address scan to quickly identify connected network port speed (10/100/1000M), and detect duplex mode (full or half). The built-in cable tracer can search and identify the correct UTP or BNC cable in a bundle and has a secondary code digital mode that decisively rejects noise and false signals to locate cables quickly and easily. An RJ45 cable TDR tests UTP cable status, length and attenuation with an advanced UTP cable test for cable sequence, type and connectivity, near-end, mid-end and far-end fault point of RJ45 cable plug. **In addition an HD Coaxial video level meter can detect the TVI/CVI/AHD/CVBS signal peak value, SYNC value and burst value.**

## Features

- 2.4 inch TFT-LCD screen, 320x240 resolution
- Combined network ping testing, port flashing, and IP address scan
- Quickly identify connected network port speed (10/100/ 1000M), and detect duplex mode (full or half)
- Cable tracer can search and identify the correct UTP or BNC cable in a bundle
- Secondary code digital mode decisively rejects noise and false signals to locate cables quickly and easily.
- RJ45 cable TDR tests UTP cable status, length and attenuation; It can detect the voltage of PoE device.
- Advanced UTP cable test for cable sequence, type and connectivity, near-end, mid-end and far-end fault point of RJ45 cable plug
- **HD Coaxial video level meter, can detect the TVI/CVI/AHD/CVBS signal peak value, SYNC value and burst value**
- **Built-in TDR tests for opens, shorts and length (1.2km max) on UTP, CAT 6e/5e, BNC and telephone line cable**
- Includes cable tracer (batteries not included), AC adaptor/charger, 3.7V Li-on battery, BNC to alligator clip adaptor, RJ11 patch cable, RJ45 patch cable and tool bag



## Specification

Model number	M-CT-430B	
LCD Display	2.4 inch TFT-LCD screen, 320x240 resolution	
Cable test and cable tracer	UTP cable test	Test UTP cable's sequence, type and remote kit, quickly detect the near-end, mid-end and far-end fault point of RJ45 cable connector
	Cable type	RJ45 Twisted pair, RJ11 telephone line, BNC cable etc.
	RJ45 connector fault	Can determine the fault point of RJ45 cable connector from LOCAL/Remote indicator light
<b>TDR Cable Test</b>	<b>Tests for opens, shorts and length (1.2km max) on UTP, CAT 6e/5e, BNC and telephone line cable</b>	
RJ45 TDR cable test	Test cable pair status, length, attenuation, reflectivity, impedance, skew etc. (180M max)	
Port flash	Send a unique signal to make the connected LAN port of the switch flash	
Ping test	Check to see if the IP camera's Ethernet port is working normally and if the IP address is correct.	
PoE test	Can detect the voltage of PoE device.	
IP Scan	Quickly find the IP address of the IP camera or other network equipment which connected to the meter	

Link Monitor	Quickly identify connected network port speed (10/100/1000M), and detect duplex mode (full or half)
<b>Video Level Meter</b>	<b>Detects the peak, sync and burst level of TVI, CVI, AHD, CVBS video signals in real time</b>
External power supply	DC 5V/1A
Battery	Built-in 3.7V Lithium Ion battery, 2000mAh. Tracer Probe: 2 AA batteries (not included)
Rechargeable	After charging 3 hours, normal working time 16 hours
Auto off	1-30 (mins)
Working Temperature	-10°C --- +50°C
Working Humidity	30%-90%
Dimension/Weight	126mm x 83mm x 33mm / 0.34kg

## Packing kits

- Network Tester
- Cable tracer prober
- AC adaptor/charger
- 3.7V Li-on battery
- **BNC to alligator clip adaptor**
- RJ11 patch cable
- RJ45 patch cable
- Tool bag
- User manual