

## Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.

Only persons who read the user manual may use the device.

The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.

The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order.

If the product has defects, it should not be used until it is repaired.

The product is intended for use at home and commercial use and may not be used for other than intended use.

The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.

The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:

1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity;
2. Improper results of operation of the product or products related with it;
3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

### Safety measures:

Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.

The device must be secured against contact with caustic, staining and viscous fluids.

The device was designed in such a way that it restarts operation when power supply is restored after a break.

**Attention! We recommend using protections to further protect the device from possible overvoltages in installations. Surge protectors are effective protection against accidental pass to the device voltages higher than the rated. Damages caused by pass the voltages higher than specified in manual, are not under warranty.**

Turn off the device before transporting it.

Prior to connecting the device to a power source check whether the supplied voltage is consistent with rated voltage specified in the user manual.

### Proper product disposal:

A marking of a crossed out waste bin indicates that the product may not be disposed together with other household waste in the entire EU. To avoid possible damage to the natural environment of health due to uncontrolled waste disposal, therefore, it should be handed over for recycling, propagating in this way sustainable use of natural resources.

To return a worn-out product, use a collection and disposal system of this type of equipment or contact a seller from whom it was purchased. He will then be recycled in an environmentally-friendly way.

The CS-NT24 tester is used to measure cable continuity, check the type of UTP and detect the condition of the telephone line. The device allows you to perform measurements on telephone lines, twisted-pair cables and coaxial cables. An additional function is the ability to search for a specific wire from among more tangled cables or in a large bundle of wires.

The tester has a built-in TDR reflectometer, allows you to test the length and attenuation and other parameters of the cable. PING test, checks whether the Ethernet port of the IP camera or other network equipment is working properly and whether the IP address is free. The device finds the IP address of the camera or other connected network equipment.

Large, readable LCD display.

The device uses a built-in Li-Ion battery, which guarantees operation up to 16 hours on a single charge.



|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tested cables:               | STP / UTP cat. 5, 5e, 6, 6e - RJ45 (8P8C), RJ11 (6P4C), Coaxial cable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Power supply:                | Cables tester : Li-Ion battery 3.7 V / 2000 mAh, USB DC 5V/2A power adapter (included)<br>Probe : 2 x 1.5V, type AA/LR6/FR6 battery (not included)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Typical battery charge time: | 3 h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Backup time:                 | 16 h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Main features:               | <ul style="list-style-type: none"> <li>• 2.4 " LCD display - 320 x 240 px</li> <li>• Cable test and cable tracer : cable type, UTP cable's sequence and type test, the fault of RJ45 connector</li> <li>• Test TDR - RJ45 : pair status, length, attenuation, reflectivity, impedance, skew - Length of the cable max. 180 m</li> <li>• Detection of the connected port in switch</li> <li>• Test PING : correct operation of the IP camera's Ethernet port, correct IP address</li> <li>• IP Scan</li> <li>• Identification of the network port and duplex mode</li> <li>• Identification the wire in the group of wires</li> <li>• Telephone line condition detection</li> <li>• Automatic power-off : 10 ... 120 minutes</li> </ul> |
| Weight:                      | 0.28 kg - Cables tester<br>0.11 kg - Probe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Dimensions:                  | 175 x 88 x 40 mm - Cables tester<br>220 x 47 x 32 mm - Probe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Guarantee:                   | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

Front panel:



Connectors:





Rear view:



On the rear side there is a place for batteries:



Probe:





Connectors:





Place for batteries 2 x 1.5V AA:



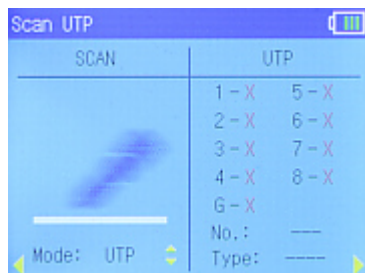
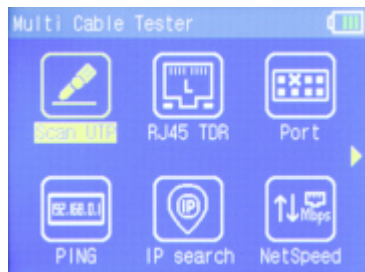
Device is secured by handy case:



In the kit:



Example captures of device interface:





# User Manual

Code: CS-NT24  
CABLES TESTER CS-NT24

RJ45 TDR 

| Line | Status | Length (m) | Attenuation dB/100m |
|------|--------|------------|---------------------|
| 1/2  |        |            |                     |
| 3/6  |        |            |                     |
| 4/5  |        |            |                     |
| 7/8  |        |            |                     |

Once Repeat

Port flicker Testing... 



Stop

PING Network failed 

Local IP: 192.168.001.002  
Remote IP: 192.168.001.064  
Packages: 020 Time: 100ms

Statistics:  
Min/Max/Avg: 0 / 0 / 0  
Send: 0 Got : 0 Loss: 0

Ping Set IP

IP search Network failed 

Start IP: 192.168.001.001  
End IP: 192.168.001.255

| Number | IP Add. |
|--------|---------|
|--------|---------|

Total: 0 Search Set IP

Switch 

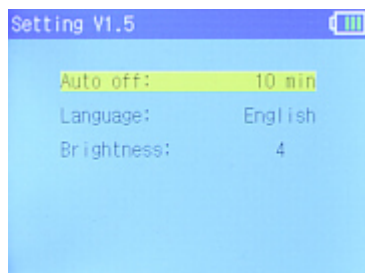
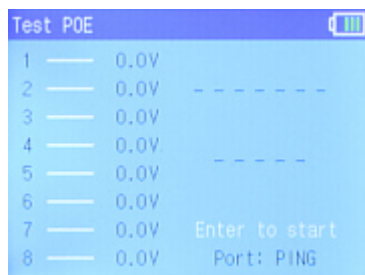
|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|   |   |   |   |   |   |   |   |
| x | x | x | x | x | x | x | x |

Port: UTP/SCAN



# User Manual

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CABLES TESTER **CS-NT24**



## PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|