

Code: CS-R4-50H

OPTICAL REFLECTOMETER (OTDR) WITH CCTV TESTER CS-R4-50H

Net: 955.98 EUR Gross: 955.98 EUR

Optical reflectometer (OTDR) with a multi-functional IP camera tester with many additional functions necessary during initialization CCTV and fiber optic installations.



SPECIFICATION

Optical time-domain reflectometer (OTDR):	• Optical wavelength : 1310 nm / 1550 nm, • Dynamic range : 28/26 dB • Wide measuring range ≤ 105 km • Accuracy : $\pm (1 \text{ m} + 5 \times 10^{-5} \times \text{distance} + \text{sampling interval})$ • Connectors : FC / SC • Measurement duration : 5 s, 10 s, 15 s, 30 s, 1 min, 2 min, 3 min
Optical power measurement:	Optical power measurement in fiber optic networks (ST and SC adapters) Optical wavelength : 850, 1300, 1310, 1490, 1550, 1625 nm Range : -70 ... +10 dBm
VLS (VFL) - Visual Fault Locator of fiber cable:	Laser LD, 650 nm, 10 mW Range 8 km
Video standard:	TCP/IP - 8K ,
Display:	5.4 " Retina - capacitive touch screen, 1920 x 1152 px
Video input:	—
Video output:	1 pcs HDMI - 4K 30 fps
Port LAN:	2 pcs - PoE cameras and switches support
Audio input:	1 pcs Mini Jack
Audio output:	1 pcs Mini Jack
Video signal level meter:	—
Video signal generator:	—
Serial ports:	—
LAN (twisted-pair) or telephone cables testing:	UTP cables or phone lines connecting test with RJ-45 connectors
RS-485, RS-232 lines test:	—

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Wi-Fi module:	✓
Identification the wire in the group of wires:	✓
Audio test:	✓
Digital multimeter:	—
TDR reflectometer:	Detecting and locating a cable break or short circuit, 180 m (max)
Operation as power source:	• 5 V DC / 2 A from USB port • 12 V DC / 3 A • 24 V DC / 2 A • 48 V (PoE, LAN), 24 W
Battery power supply:	• Li-Ion battery 5200 mAh • 12 V DC / 2 A (power adapter included)
Estimated battery operation time:	max. 10 hours
Operation:	Graphical menu - touch control and by using the buttons
Main features:	• Optical time-domain reflectometer (OTDR) • IP cameras test - Supported image compression methods : H.265, H.264, MJPEG • Searching and view of IP cameras compatible with Onvif • Motor units and PTZ (Speed Dome) cameras control • IP cameras view from embedded applications - DH test tool, Hik test tool, UNV Test Tool, HuaWei Tool, TP-Link tool • EZView • Embedded Internet browser - Google Chrome • LAN connections monitoring • IP addresses scanner • PING - test the link using ICMP packets • Detection of the connected port in switch • LAN (twisted-pair) cables testing • The Cable tracer application - easy cable location in a disordered bundle • PoE cameras and switches support • PoE power meter • DC 5V / 12V / 24V / 48V power source • TDR reflectometer • Optical power meter • VLS (VFL) - Visual Fault Locator of fiber cable • Audio test • Hotspot - Wi-Fi • Playback the records • VLC Media Player application installed - the ability to play multimedia files in many popular formats (.mp3, .mp4, .avi, .mpeg and others) • Calculator • Quickoffice package installed - creation and reading of .docx text documents, .xlsx spreadsheets and .pptx multimedia presentations • Flashlight built-in • The ability to change the display theme and background • Android 10
Operation temp:	-10 °C ... 50 °C
Permissible relative humidity:	30 % ... 90 %
Weight:	0.84 kg
Dimensions:	212 x 148 x 49 mm
Supported languages:	Polish, English, Bulgarian, Czech, French, Greek, Spanish, German, Portuguese, Russian, Turkish, Italian
Guarantee:	2 years

PRESENTATION

Front panel (main menu options visible):



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Bottom view:



Top view:



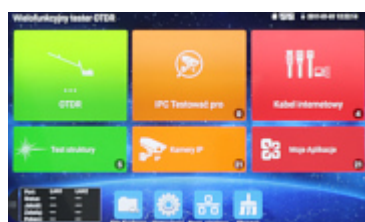
Rear view:

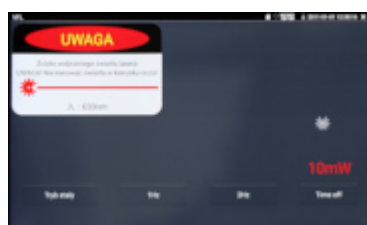
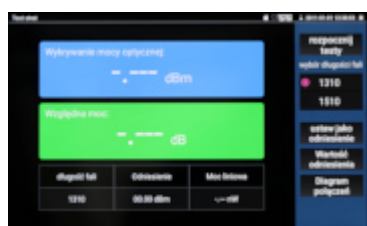
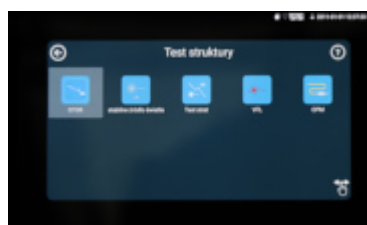


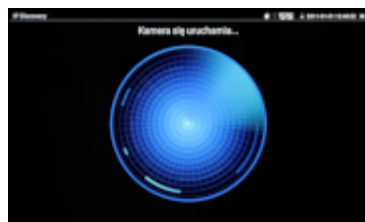
Place for battery:



Main menu:



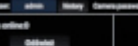


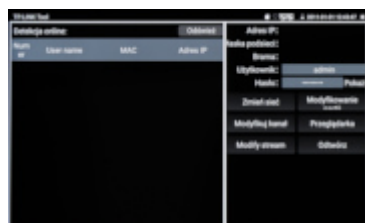
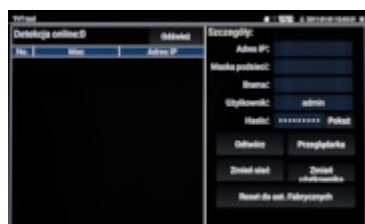


The screenshot shows the Windows Task Manager Performance tab. The 'CPU' section is highlighted, showing 100% usage. The 'System' section shows 16GB of RAM, 100% memory usage, and 100% disk usage. The 'Network' section shows 0% usage. The 'Storage' section shows 100% usage. The 'Power' section shows 100% usage. The 'Sound' section shows 100% usage. The 'Mouse' section shows 100% usage. The 'Keyboard' section shows 100% usage. The 'Device Manager' section shows 100% usage. The 'Device Manager' section shows 100% usage.

The screenshot shows a Windows XP desktop with a web browser window open. The browser displays a login page titled "Database online 0". The page has a dark background with a light-colored form area. The form contains several input fields and buttons. The "Użytkownik:" field is filled with the text "admin". The "Hasło:" field is empty. Below the form are several buttons: "Wzrost", "Odwołanie", "Modifying kanal", "Zmieni adres", "Zmieni użytkownika", "Reset do ust. fab.", "Przełączarka", and "Porta". The browser's address bar shows the URL "http://192.168.1.100:8080/".

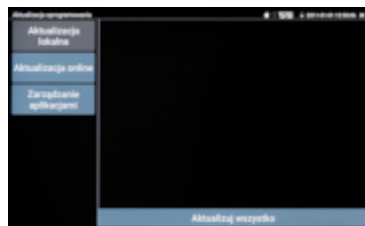
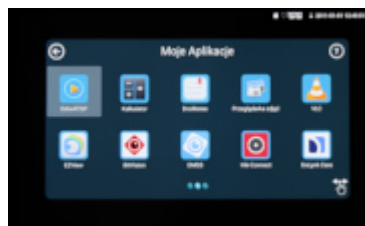
The screenshot shows the Windows Firewall configuration window. The 'Windows Defender Firewall' tab is selected. Under the 'Inbound Rules' section, the 'No incoming connections' rule is highlighted. The 'Action' column shows 'Block the connection'. The 'Protocol' is 'All TCP ports'. The 'Ports' are 'All ports'. The 'Scope' is 'All IP addresses'. The 'Advanced Settings' tab is also visible, showing the 'Name' as 'No incoming connections', 'Description' as 'No incoming connections', 'Local IP addresses' as 'All IP addresses', 'Local ports' as 'All ports', 'Remote IP addresses' as 'All IP addresses', 'Remote ports' as 'All ports', 'Protocol' as 'All protocols', and 'Action' as 'Block the connection'.





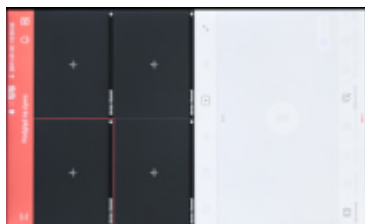
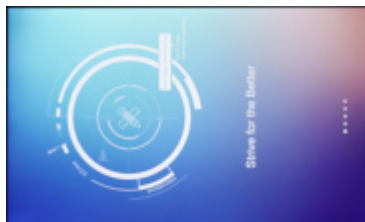
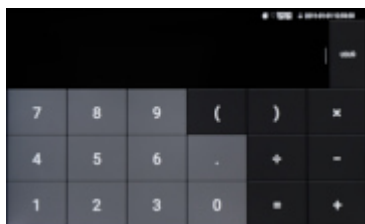
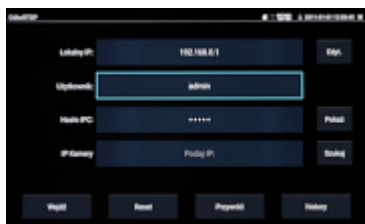
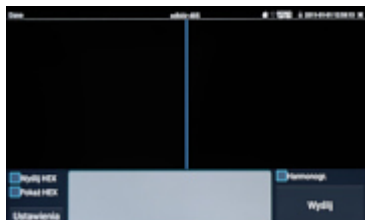
Widok porównawczy

Wariant	Plan	Specyfikacja	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty
Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty
Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty
Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty



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Wariant	Plan	Specyfikacja	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty
Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty
Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty
Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty	Warianty





In the kit:



The tester with accessories housed in a handy bag:



OUR OPINIONS



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- Everything you need to work is the compact, small, universal device.
- Perfect to build and create the CCTV system.

PACKAGE

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