




	MULTIFUNCTION METER FOR ELECTRICAL INSTALLATIONS UT-593 UNL-T	AHD, HD-CVI, HD-TVI, PAL CAMERA HAC-HFW1801R-Z-A-27135-S2 - 8.3 Mpx, 4K UHD 2.7 ... 13.5 mm - MOTOZOOM DAHUA
		
	1459.04 PLN 1459.04 PLN	891.00 PLN 891.00 PLN
Standard	...	AHD / HD-CVI / HD-TVI / PAL
Sensor	...	Progressive Scan CMOS
Matrix size	...	8.3 Mpx 4K UHD
Resistance measurement	<ul style="list-style-type: none"> • Test voltage 250 V : 0.05 MΩ ... 250 MΩ • Test voltage 500 V : 0.05 MΩ ... 500 MΩ • Test voltage 1000 V : 0.05 MΩ ... 1000 MΩ 	...
Measuring accuracy	0.05 MΩ ... 1000 MΩ ± (5% + 5)	...
Open circuit voltage	Test voltage ± 10 %	...
Test current	0.9 mA ... 1.1 mA	...
Short-circuit current	< 1.8 mA	...
Resolution	...	3840 x 2160 - 8.3 Mpx, 4K UHD @ 15 fps , 2880 x 1620 - 5 Mpx @ 25 fps , 2560 x 1440 - 4 Mpx @ 25 fps , 1920 x 1080 - 1080p , 960 x 576 - 960H, PAL
AC voltage measurement	0 V ... 440 V ± (2% + 3) @ 1 V	...
Video output	...	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω
DC voltage measurement	0 V ... ± 440 V ± (2% + 3) @ 1 V	...
Lens	...	2.7 ... 13.5 mm - Motozoom, AutoFocus
Measurement of small resistances	0.01 Ω ... 200 Ω ± (2% + 5)	...
View angle	...	114 ° ... 32 °
Range of IR illumination	...	80 m
Frequency measurement	20 Hz ... 100 Hz - for reference only	...
IR illuminator power adjustment	...	Automatic

Audio	...	<ul style="list-style-type: none"> • Microphone built-in • Audio support via coaxial cable - HD-CVI only
Main features	...	<ul style="list-style-type: none"> • Motozoom lens - AutoFocus • WDR - 120 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • D-ZOOM - Digital Zoom : 4x • Auto White Balance • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • Configurable Privacy Zones • Mirror - Mirror image • Sharpness - sharper image outlines
Test of RCDs	<ul style="list-style-type: none"> • Working voltage: 220V ± 10 % • Test current: 10mA / 30mA / 100mA / 300mA / 500mA • Switch-off time ranges : <ul style="list-style-type: none"> - 0 ... 2000 ms ± (5% + 5) @ 1/2 x nominal value of the residual current - 0 ... 500 ms ± (5% + 5) @ 1 x nominal value of the residual current, Selective RCD - 0 ... 300 ms ± (5% + 5) @ 1 x nominal value of the residual current - 0 ... 40 ms ± (5% + 5) @ 5 x nominal value of the residual current 	...
OSD menu	...	✓
RCD tripping current measurement	Increasing current test: 10 mA / 30 mA / 100 mA / 300 mA / 500 mA ± 10 %	...
RCD automatic test	✓	...
Power consumption	...	≤ 10.6 W
Housing	...	Compact, Metal

Phase sequence test	100 V ... 440 V / 45 Hz ... 65 Hz	...
Color	...	White + Black
"Index of Protection"	...	IP67
Operation temp	...	-30 °C ... 60 °C
Continuity measurement of protective and equalizing conductors	0 Ω ... 199 Ω ± (2% + 5) Measuring current > 20 mA @ 0 ... 2 Ω	...
Line impedance measurement (L-N)	• 0.05 Ω ... 1.99 Ω ± (5% + 5) • 2 Ω ... 19.99 Ω ± (5% + 5) • 20 Ω ... 2000 Ω ± (5% + 5) Measuring current : 20 A / 20 ms Measuring range of prospective short-circuit current : 0 ... 26 kA	...
Short circuit loop impedance measurement (L-PE)	• 0.05 Ω ... 1.99 Ω ± (5% + 5) • 2 Ω ... 19.99 Ω ± (5% + 5) • 20 Ω ... 2000 Ω ± (5% + 5) Measuring current : 20 A / 20 ms Measuring range of prospective short-circuit current : 0 ... 26 kA	...
Automatic change of measuring ranges	✓	...
RS-232	—	...
USB	—	...
Main features	<ul style="list-style-type: none"> • Warning of using high voltage during the measurement, • Phase switch 0° / 180° during RCD test, • Automatic identification of AC/DC voltage, • Reset function for measuring low resistances, • Large, readable LCD display with backlight, • Buzzer, • Automatic power-off, • Low battery indicator, • Aesthetic and solid construction 	...
Operation temp	0 °C ... 40 °C	...
Permissible relative humidity	≤ 85 % (non-condensing)	...

Power supply	8 x 1.5V, type AA/LR6/FR6 battery - included	12 V DC / 890 mA
Weight	1.1 kg	0.57 kg
Dimensions	210 x 175 x 90 mm	210 x 90 x 90 mm
Manufacturer / Brand	UNI-T	DAHUA
Guarantee	2 years	3 years



DELTA-OPTI Monika Matysiak / VAT:PL5251295225 / 60-713 Poznań, ul. Graniczna 10
Tel:+48 61 864 69 60 / GSM:+48 607 60 11 66 / Fax:+48 61 864 69 65 / e-mail: info@delta.poznan.pl
Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00