



	ACCESS CONTROLLER WITH TEMPERATURE MEASUREMENT ASI7213X-T1 - 1080p DAHUA	MULTIFUNCTION METER FOR ELECTRICAL INSTALLATIONS UT-595 UNI-T
		
	5174.61 CAD 5174.61 CAD	846.18 CAD 846.18 CAD
Sensor	1/2.8 " CMOS	...
Optical zoom	—	...
Matrix size	2.1 Mpx 120 x 90 px	...
View angle	50 °	...
Resolution	1920 x 1080 - 1080p 120 x 90 px	...
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
Standard	TCP/IP	...
Range of IR illumination	5 m	...
Measuring accuracy	...	0.05 MΩ ... 1000 MΩ ± (5% + 5)
White light LED illuminator range	5 m	...
Temperature measurement	✓	...
Open circuit voltage	...	Test voltage ± 10 %
Temperature measurement range	30 °C ... 50 °C	...
Test current	...	0.9 mA ... 1.1 mA
Accuracy of temperature measurement	± 0.1 °C	...
Short-circuit current	...	< 1.8 mA
Face recognition distance	0.3 m ... 1.8 m (max 100 000 faces in the database)	...
RFID proximity reader built-in	13.56 MHz S50	...
AC voltage measurement	...	0 V ... 440 V ± (2% + 3) @ 1 V
Internal memory	Support storage of 300 000 records	...

Video output	—	...
RS-485 interface	✓	...
RS-232 interface	✓	...
DC voltage measurement	...	0 V ... ± 440 V ± (2% + 3) @ 1 V
Wiegand interface	✓	...
Memory card slot	—	...
Measurement of small resistances	...	0.01 Ω ... 200 Ω ± (2% + 5)
Alarm inputs / outputs	2 / 2 - Relay outputs	...
Audio	Speaker built-in	...
Frequency measurement	...	20 Hz ... 100 Hz - for reference only
Network interface	• 1 x 10/100 Base-T (RJ-45) • 1 x 10/100/1000 Base-T (RJ-45)	...
Network protocols	IPv4, RTSP, RTP, TCP, UDP, P2P	...
WEB Server	Built-in	...
ONVIF	✓	...
Default IP address	192.168.1.108	...
Default admin user / password	admin / - The administrator password should be set at the first start	...
Web browser access ports	80, 37777	...
PC client access ports	37777	...

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 <ul style="list-style-type: none"> - 0 ... 500 ms ± (5% + 5) @ 1 x nominal value of the residual current, Selective RCD <ul style="list-style-type: none"> - 0 ... 500 ms ± (5% + 5) @ 2 x nominal value of the residual current, Selective RCD <ul style="list-style-type: none"> - 0 ... 300 ms ± (5% + 5) @ 1 x nominal value of the residual current <ul style="list-style-type: none"> - 0 ... 300 ms ± (5% + 5) @ 2 x nominal value of the residual current <ul style="list-style-type: none"> - 0 ... 40 ms ± (5% + 5) @ 5 x nominal value of the residual current
RCD tripping current measurement	...	Increasing current test: 10 mA / 30 mA / 100 mA / 300 mA / 500 mA ± 10 %
RCD automatic test	...	✓
Phase sequence test	...	100 V ... 440 V / 45 Hz ... 65 Hz



Main features	<ul style="list-style-type: none"> • Temperature measurement • Built-in LCD display showing the image from the video camera and the result of temperature measurement - 7 " capacitive touch screen, 1024 x 600 px • Identification modes : PIN, Proximity identifier 13.56 MHz S50, Face recognition, Any combination of the above • Wiegand 34/26 • WDR - 120 dB - Wide Dynamic Range • LED indication • Buzzer for acoustic signaling of some system events • AGC - Automatic Gain Control • Sharpness - sharper image outlines • Day/Night mode (color/b&w/auto) • RESET button • AI detection : A solution dedicated to measuring temperature. The camera is able to detect increased object temperature 	...
Continuity measurement of protective and equalizing conductors	...	0 Ω ... 199 Ω \pm (2% + 5) Measuring current > 20 mA @ 0 ... 2 Ω
Power consumption	\leq 24 W	...
Housing	Aluminum + Tempered glass	...
Color	Black + Silver	...
"Index of Protection"	—	...
Operation temp	<ul style="list-style-type: none"> • -10 °C ... 55 °C - without temperature measurement • 15 °C ... 32 °C - with temperature measurement 	...
Line impedance measurement (L-N)	...	<ul style="list-style-type: none"> • 0.05 Ω ... 1.99 Ω \pm (5% + 5) • 2 Ω ... 19.99 Ω \pm (5% + 5) • 20 Ω ... 2000 Ω \pm (5% + 5) Measuring current : 20 A / 20 ms Measuring range of prospective short-circuit current : 0 ... 26 kA

Montage hole diameter	37 mm	...
Supported languages	English	...
Short circuit loop impedance measurement (L-PE)	...	<ul style="list-style-type: none"> • 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	2 x USB 2.0	—
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	12 V DC / 2 A (power adapter included)	8 x 1.5V, type AA/LR6/FR6 battery - included
Weight	2 kg	1.1 kg
Dimensions	313 x 130 x 59 mm	210 x 175 x 90 mm
Manufacturer / Brand	DAHUA	UNI-T
Guarantee	3 years	2 years