

Firmware:

Web-Thermo-Hygrometer ++

Model 57729

Current firmware

Date	Changes and comments	Revision
January 9, 2024	<ul style="list-style-type: none"> Stability improvements HTTP requests with token authentication optimized Self-signed certificate for OPC UA use optimized Measuring module: System start optimized Error fixed: Mail authentication method Auth failed 	1.69 ZIP download

Older firmware

Date	Changes and comments	Revision
August 23, 2023	<ul style="list-style-type: none"> TCP/IP stack - MTU up to max. 1500 possible Actions - Host name for HTTP requests in the head corrected HTTP(S) - POST for actions added 	1.67 ZIP download
January 16, 2023	<ul style="list-style-type: none"> Update procedure optimized Fixed: Problem with file uploading for certificates fixed 	1.65 ZIP download
November 8, 2022	<ul style="list-style-type: none"> Error fixed: At special relative humidity values a "Sensor lost" message was generated. Input screen for mail server revised DHCP - Processing of the option flags expanded OPC UA - Transfer of application URI corrected Output of dew point, mixing ratio and enthalpy corrected via W&T tags. (For direct display on the "My Website" page, the device must be set to factory defaults). 	1.63 ZIP download
August 9, 2022	<ul style="list-style-type: none"> Error fixed: Turning on the OPC UA caused permanent reset which could only be resolved by a factory reset. Security: Eliminating the outdated protocols TLS 1.0 and 1.1. Effective immediately only TLS 1.2 is supported. 	1.59 ZIP download
July 12, 2022	<ul style="list-style-type: none"> File upload optimized 	1.58 ZIP download
May 4, 2022	<ul style="list-style-type: none"> New: Configure measurement value compensation with up to 10 correction points per sensor via JSON file. Firmware update: Initiating via button in the interface possible 	1.57 ZIP download
March 2, 2022	<ul style="list-style-type: none"> New: Configurable NodeIDs for OPC-UA MQTT: Retain flags revised 	1.55 ZIP download
January 20, 2022	<ul style="list-style-type: none"> HTTPS - Chunked transfer revised SSL/TLS - Certificate upload now possible again DHCP - IP assignment with DHCP relays adapted Boot sector - Emergency access when firmware update is interrupted now revised 	1.54 ZIP download
December 16, 2021	<ul style="list-style-type: none"> Security updates: DHCP, DNS and ICMP services revised Error in SNMP output corrected Erroneous output in MQTT corrected 	1.53 ZIP download
August 5, 2021	<ul style="list-style-type: none"> Problem fixed: Wrong time stamp was entered for the first value in the data logger. 	1.51 ZIP download
June 22, 2021	<ul style="list-style-type: none"> Problems in SNMPv2/3 MIB tree fixed Problems in cloud communication fixed 	1.50 ZIP download

Date	Changes and comments	Revision
May 20, 2021	<ul style="list-style-type: none"> • Error fixed: SNMP output with different decimal points • Measuring module software updated and restart improved 	<p style="text-align: center;">1.49 ZIP download</p>
May 3, 2021	<ul style="list-style-type: none"> • New: OPC UA support • New: Uploading of your own certificates • New: Subsequent delivery of historical data via MQTT • Error messages for MQTT connections added • Web-API polling revised • Web server error messages optimized • HTTP processing revised • REST connections revised • Security updates 	<p style="text-align: center;">1.48 ZIP download</p>
September 15, 2020	<ul style="list-style-type: none"> • Error fixed: When uploading the configuration file to the device SNMP passwords were not accepted • Automatic monitoring for measuring module failure added • Firmware update for measuring module revised 	<p style="text-align: center;">1.46 ZIP download</p>
August 17, 2020	<ul style="list-style-type: none"> • TLS: Problems with TLS handshake fixed • Factory default reset could fail 	<p style="text-align: center;">1.45 ZIP download</p>
July 21, 2020	<ul style="list-style-type: none"> • TLS: Support of TLS 1.2 • Server authentication revised • Character coding for HTTP request message corrected • Detection of incomplete OPC requests implemented • SNMP index error when generating dynamic names corrected • System start optimized • Up-Time control for the measuring model added • Assignment of the device error list revised 	<p style="text-align: center;">1.44 ZIP download</p>
March 2, 2020	<ul style="list-style-type: none"> • Problem in OPC communication fixed • Problem with SNMP name indexing fixed 	<p style="text-align: center;">1.40 ZIP download</p>
January 31, 2020	<ul style="list-style-type: none"> • Network stack optimized • Diagnostics list corrected • Configuration upload accelerated • Addition of SSL for MQTT connections • MQTT Client-ID now freely configurable • authentication mechanism stabilized • OPC communication optimized • DHCP functionality stabilized • Problem fixed: Error in device interface • Problem fixed: Error in SNMPv3 authentication • Problem fixed: Error in timed alarms when time is entered manually • Problem fixed: Error in MQTT authentication 	<p style="text-align: center;">1.39 ZIP download</p>
November 28, 2019	<ul style="list-style-type: none"> • Problem fixed: Zoom error in visualization • Problem fixed: Cloud output with deselected sensors failed 	<p style="text-align: center;">1.36 ZIP download</p>
September 30, 2019	<ul style="list-style-type: none"> • Output dew point, mixing ratio and enthalpy using W&T tags. (For direct display on the "My Website" page the device must be set to the factory defaults.) • MQTT topics may now contain W&T tags • Passwords can now be set by uploading the configuration file. • Problem fixed: After removing the sensor the last measured values remain available. • Problem in SNMPv3 could have caused a "NotInTimeWindow" error. • Problem with REST Digest Authentication fixed. 	<p style="text-align: center;">1.35 ZIP download</p>

Date	Changes and comments	Revision
August 6, 2019	<ul style="list-style-type: none"> • Problems with factory default reset fixed. • Problems with MQTT ping interval fixed. • Problem fixed: MQTT Retain Flag was sometimes not set. • Problem fixed: Alarm Clear message with an Index > 12 alarms was incorrectly sent. • Problems with SNMPv3 module type detection fixed. • Possible problems with software reset fixed. • Possible calculation error with negative numbers fixed. • Possible log in problems when using certain mail server fixed. • Fall-back system for ensuring configuration integrity after firmware update improved. • MQTT standard paths added. • Device registration reserved only for the administrator user. 	1.34 ZIP download
May 6, 2019	<ul style="list-style-type: none"> • Fixed: Uploading of large configuration files failed. • Fixed: TCP client message was sometimes not initiated. • Fixed: Error in SSL stack eliminated. • Script components updated 	1.32 ZIP download
March 26, 2019	<ul style="list-style-type: none"> • New: Supports Modbus-TCP for measurement value polling • New: Supports SNMPv2c and SNMPv3 • Problem with zoom function fixed. • Fixed: No display of measurement values when using replaceable tags in HTTP request message. • Fixed: Units not output when sensor turned off. • Fixed: Restart after software reset was able to be interrupted. 	1.31 ZIP download
December 13, 2018	<ul style="list-style-type: none"> • Cloud communication optimized. • FTP data output optimized. • WuTility inventorying problem fixed. • Problem fixed: Interval selection for data retention output was not accounted for. • Problem fixed: MQTT connection opening after closing the connection was not reinitiated. • Problem fixed: Value output in visualization failed if sensor names included special characters. • Web-API - Cross Origin Request can be configured. • Rest - Cross Origin Request can be configured. 	1.30 ZIP download
August 30, 2018	<ul style="list-style-type: none"> • Problem fixed: Output problems with CSV logger file fixed. • Problem fixed: Special characters in device visualization were not correctly processed. • Problem fixed: Text fields for server addresses were too short for alphanumeric entries. • Problem fixed: SNMP system messages were not sent. 	1.27 ZIP download
May 8, 2018	<ul style="list-style-type: none"> • First firmware version 	1.22 ZIP download



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We are available to you in person:

Wiesemann & Theis GmbH
Porschestr. 12
42279 Wuppertal
Phone: +49 202/2680-110 (Mon.-Fri. 8 a.m. to 5 p.m.)
Fax: +49 202/2680-265
info@wut.de

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