Firmware history

Release Notes AM1000

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Version	Change log
V1.23 – 4973 (2019/11/18)	**Fixes** • After device restart energy meter contents may be smaller than the values before the restart **Requirements** • At least updater v2.0 is required for firmware update
V1.22 – 4884 (2019/09/06)	**New features** • Encrypted communication via HTTPS using either a provided self-signed or customer certificate • Client whitelist: User may define a list of up to 10 clients allowed to access the device. If activated, all other clients will be blocked • Simulation of digital and analog outputs without changing the device configuration • Enhanced SD card state information (percent of usage, failure state) **Requirements** • At least updater v2.0 is required for firmware update
V1.21 – 4544 (2019/03/15)	**New features** • Support for optional temperature input module **Requirements** • At least updater v2.0 is required for firmware update
V1.20 – 4386 (2019/02/28)	**New features** • Support for optional PROFINET IO interface • Network status display in status bar • Signalling of measuring range overflow situations • Whitelist for Ethernet interface for blocking unauthorized clients **Fixes** • Improvements in CSV file export **Requirements** • At least updater v2.0 is required for firmware update
V1.19 – 4213 (2019/02/06)	Release due to changes in common AM series firmware, no impact on AM1000, update not required. **Requirements** • At least updater v2.0 is required for firmware update
V1.18 – 3864 (2018/11/16)	**Fixes** • Measurements with bad quality (such as overload) could have been stored as minimum or maximum value **Requirements** • At least updater v2.0 is required for firmware update

Version	Change log
V1.17 – 3280 (2018/08/12)	**New features** • Support for optional IEC61850 communication **Requirements** • At least updater v2.0 is required for firmware update
V1.16 – 3224 (2018/07/26)	**New features** • Language support Vietnamese **Fixes** • In case of aborting the configuration of fault current channels some parameters were still saved by mistake • The local display could freeze when disconnecting the Ethernet interface connector **Requirements** • At least updater v2.0 is required for firmware update

V1.15 – 3171
(2018/06/28)
	New features
	• Support for new 2-channel fault current module:
	    - Alarm and pre-warning thresholds
	    - Response and dropout delays
	    - Alarming via digital outputs and relays
	    - Alarming or breakage activates the summary alarm
	    - In case of alarm violation: Entry into alarm list
	    - In case of pre-warning violation: Entry into event list
	    - Measurements available via WEB-interface, Modbus RTU/TCP, local display and analog outputs
	• Language support Polish
	
	Fixes
	• New color sequence of phases in graphical displays: red - yellow - blue
	• Demo mode for product presentations fixed
	• Summary alarm state no longer influenced by reset of associated output
	
	Requirements
	• At least updater v2.0 is required for firmware update

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V1.14 – 2958 (2018/05/07)	**New features** • Phase sequence display for voltages and currents • In the visualization of user mean-values and meters now the base quantity is directly visible • New service menu: Device reboot • New service menu: Communication tests (Ping, DNS, NTP) • Support for time synchronization via GPS • Unused U/I quantities in waveform and event displays are faded out • Language support Chinese **Fixes** • Operating hours of the device": Possible 47 years offset issue solved • For mean-values modifications a device reboot was required • Overwriting of security settings when loading configuration file even if not selected **Requirements** • At least updater v2.0 is required for firmware update
V1.13 – 2378 (2017/11/17)	**New features** • Support for module "4 digital inputs" active / passive **Fixes** • Removing a backdoor security gap • Wrong unit in disturbance logger when used in medium voltage applications • Partly hang-up on webpage when closing popup window with answer "No" or "x" • CSV export of large logger data sets • Disturbance logger: Event detection in 3 phase 3 wire applications **Requirements** • Updater v2.0 is required for firmware update
V1.12 – 2194 (2017/09/21)	**Fixes** • Stability of data logger functionality • Improvement of device startup behavior • Event text input issue when using special symbols • Summary alarm state may remain active when removing monitoring functions from the status evaluation • Endless hourglass symbol on empty event lists • Minor bug fixes **Requirements** • Updater v2.0 is required for firmware update
V1.11 – 1795 (2017/05/12)	**New features** • startup (faster) **Fixes** • stability of configuration data • minor bug fixes **Requirements** • Updater v2.0 is required for firmware update

Version	Change log
V1.10 - 1509 (2017/02/08)	**Fixes** • improvement of SD-card handling
V1.09 – 1473 (2017/02/03)	**New features** • disturbance recorder **Fixes** • measurement hangs under certain conditions
V1.08 – 1440 (2017/01/27)	**Fixes** • proper function of monitoring function logic • menu control (wrong menus according to system type)
V1.07 – 1394 (2017/01/16)	**New features** • waveform plot **Fixes** • changed file system type of sd-card for more stability (no longer windows compatible) • stability of GUI (hangs after some time) • stability of logger
V1.06 – 1156 (2016/10/10)	**Fixes** • limited number of Modbus connections
V1.05 – 1018 (2016/08/29)	**New features** • periodical data logger **Fixes** • use correct level of suppression for small values
V1.04 – 875 (2016/06/30)	**New features** • clock adjustment in local time
V1.03 – 807 (2016/05/30)	**Fixes** • stability of GUI • startup behavior (freeze) • faster startup
V1.02 – 595 (2016/01/13)	**New features** • configuration of Modbus TCP port possible **Fixes** • configuration of analog outputs • firmware updater: timeout during fw upload • screensaver behavior
V1.01 – 552 (2015/11/30)	**New features** • Firmware update via web GUI • time zone handling **Fixes** • web GUI (browser compatibility) • improvement of system configuration menus

Version	Change log
V1.00 – 522 (2015/11/17)	Initial release