

# G4 software release notes

Release 8.07	v8.07	17.12.2024	Richard Kubiček	Released
<ul style="list-style-type: none"><li>• support for monitoring values read from sensors via SNMP</li><li>• support for set sensors parameters via SNMP</li></ul>				
Release 8.06	v8.06	25.11.2024	Richard Kubiček	Released
<ul style="list-style-type: none"><li>• update web page build for NCCW</li><li>• fix behavior of alarm test not passed</li><li>• fix behavior of controlling other then first display sections by remote controller</li></ul>				
Release 8.05	v8.05	4.11.2024	Richard Kubiček	Released
<ul style="list-style-type: none"><li>• disable LWIP_IPV6_SCOPES due to zones setting on the link local address</li><li>• fix data class for 0x1006 on the web: dns server address to Address</li><li>• fix SNMP v2c traps format and OIDs</li><li>• SNMP: allow to use write community string for reading</li></ul>				
Release 8.04	v8.04	24.10.2024	Richard Kubiček	Released
<ul style="list-style-type: none"><li>• fix rendering for DSC (ECO-M-DSC)</li><li>• multilingual web support (English, Spanish and Czech versions)</li></ul>				
Release 8.03	v8.03	22.10.2024	Richard Kubiček	Released
<ul style="list-style-type: none"><li>• support for multiple displays - ability to render different information on other displays</li><li>• fix settings for WiFi authentication PEAP/LEAP</li><li>• NCCW project update</li><li>• change timing limits for DCF evaluation</li></ul>				
Release 8.02	v8.02	4.9.2024	Richard Kubiček	Released
<ul style="list-style-type: none"><li>• improvement support of the BCD display driver</li><li>• ability to select HTTP/HTTPS mode of web server in the menu</li></ul>				
Release 8.01	v8.01	13.8.2024	Richard Kubiček	Released
<ul style="list-style-type: none"><li>• fix WifiSupportedSecurityType parameter</li><li>• remove web from the code and load it from the external flash memory</li></ul>				
Release 8.00	v8.00	19.7.2024	Richard Kubiček	Released
<ul style="list-style-type: none"><li>• WiFi/WiFi5 support</li><li>• shared parameters via Ethernet and RS485 support</li><li>• improvement method of firmware update (possibility to move web server to the external flash)</li><li>• line detector refactoring</li><li>• light sensor correction in the system menu</li><li>• fix temperature sensor evaluating after startup</li></ul>				
Release 7.19	v7.19	30.4.2024	Richard Kubiček	Released
<ul style="list-style-type: none"><li>• major fixes in the communication between tasks</li></ul>				

<b>Release 7.18</b>	<b>v7.18</b>	<b>18.4.2024</b>	<b>Petr Bureš</b>	<b>Released</b>
<ul style="list-style-type: none"> <li>• fix restart network services for reinit NTP process</li> </ul>				
<b>Release 7.17</b>	<b>v7.17</b>	<b>29.2.2024</b>	<b>Richard Kubiček</b>	<b>Released</b>
<ul style="list-style-type: none"> <li>• improve GPS reset method</li> <li>• ability to select which HW alarms are reported to the general alarm</li> <li>• RTC initialization improvement</li> <li>• watchdog timeout increased</li> <li>• prohibited RTC operation when oscillator not running</li> <li>• PHY error reporting</li> </ul>				
<b>Release 7.16</b>	<b>v7.16</b>	<b>13.2.2024</b>	<b>Richard Kubiček</b>	<b>Released</b>
<ul style="list-style-type: none"> <li>• DCF-IMP support for LGC variant</li> <li>• support for GPS option</li> <li>• hide some menus in system submenu based on hardware capabilities</li> <li>• hw alarm for internal temperature sensor</li> <li>• hw alarm for line module</li> <li>• fix some snmp oid</li> <li>• factory reset by push-buttons</li> <li>• ethernet sensors support</li> </ul>				
<b>Release 7.15</b>	<b>v7.15</b>	<b>19.11.2023</b>	<b>Richard Kubiček</b>	<b>Released</b>
<ul style="list-style-type: none"> <li>• fixes for ability to manufacture LGC variants</li> </ul>				
<b>Release 7.14</b>	<b>v7.14</b>	<b>15.11.2023</b>	<b>Richard Kubiček</b>	<b>Released</b>
<ul style="list-style-type: none"> <li>• debug screen for synchronization lines (MBL, CODE, IRIG, IMP)</li> <li>• power save mode</li> </ul>				
<b>Release 7.13</b>	<b>v7.13</b>	<b>2.11.2023</b>	<b>Richard Kubiček</b>	<b>Not released</b>
<ul style="list-style-type: none"> <li>• external RTC PCF2129 support</li> <li>• impulse line support</li> </ul>				
<b>Release 7.12</b>	<b>v7.12</b>	<b>23.10.2023</b>	<b>Richard Kubiček</b>	<b>Released</b>
<ul style="list-style-type: none"> <li>• IRIG, MOBALine timezone support</li> <li>• same behavior for factory reset from menu as when it is invoked via NMS</li> <li>• hw error flag array</li> </ul>				
<b>Release 7.11</b>	<b>v7.11</b>	<b>14.10.2023</b>	<b>Richard Kubiček</b>	<b>Not released</b>
<ul style="list-style-type: none"> <li>• SNMPv3 support</li> <li>• HTTPS support</li> <li>• fix mbnsNetIPv4DHCPMode parameter</li> <li>• support of the SEIKO brand in web interface</li> <li>• allow to upload generic files via tftp</li> <li>• NMS over serial support</li> <li>• NMS file transfer support</li> <li>• line module processing in the task instead of ISR routine</li> <li>• fix setting time/date via menu</li> </ul>				
<b>Release 7.08</b>	<b>v7.08</b>	<b>31.3.2023</b>	<b>Petr Bureš</b>	<b>Not released</b>
<ul style="list-style-type: none"> <li>• FIX setting a special mobatime IP address for multicast mode</li> </ul>				

<b>Release 7.07</b>	<b>v7.07</b>	<b>24.3.2023</b>	<b>Petr Bureš</b>	<b>Not released</b>
<ul style="list-style-type: none"> <li>• FIX bug with the file size of settings - when saving the shorter file</li> <li>• FIX display time in device time zone on the website</li> <li>• FIX add support of SNMP MIB2 variables</li> <li>• add support of USB interface for firmware update</li> <li>• add support of TP LAN sensor</li> <li>• for display calendar week added marking 'c' on second digit</li> <li>• LGC: add support for Mobaline synchronization</li> <li>• LGC: add support for Dcf-passive synchronization</li> </ul>				
<b>Release 7.06</b>	<b>v7.06</b>	<b>7.2.2023</b>	<b>Richard Kubíček</b>	<b>Released</b>
<ul style="list-style-type: none"> <li>• relay support (only for stopwatch)</li> <li>• BRB10</li> <li>• DSC displays</li> <li>• switch off synthetic PoE load</li> </ul>				
<b>Release 7.05</b>	<b>v7.05</b>	<b>13.1.2023</b>	<b>Richard Kubíček</b>	<b>Released</b>
<ul style="list-style-type: none"> <li>• fix time zone handling</li> <li>• display calibration value in the SYST menu</li> <li>• hide RS485 parameters in menu for devices without RS485</li> <li>• fix some texts in web interface</li> <li>• fix apply of custom DNS address</li> <li>• fix SNMP re-init</li> <li>• disable state LED for some alarms</li> <li>• support for display week number</li> <li>• fix some NMS parameters for devices without WiFi</li> <li>• display dashes when device time is not valid</li> </ul>				
<b>Release 7.04</b>	<b>v7.04</b>	<b>15.11.2022</b>	<b>Richard Kubíček</b>	<b>Released</b>
<b>Release 7.03</b>	<b>v7.03</b>	<b>26.10.2022</b>	<b>Richard Kubíček</b>	<b>Not released</b>
<b>Release 7.02</b>	<b>v7.02</b>	<b>13.10.2022</b>	<b>Richard Kubíček</b>	<b>Not released</b>
<b>Release 7.00</b>	<b>v7.00</b>	<b>6.8.2022</b>	<b>Richard Kubíček</b>	<b>Not released</b>
<ul style="list-style-type: none"> <li>• used in the ECO-DC samples 00:16:91:fd:22:79 &amp; 00:16:91:fd:22:7a</li> </ul>				