

## Release history for PM5111

Release Version	Date	OS Version	RS version	Language Version
1.64	01/03/2017	1.6.4	1.0.6	2.0.0
1.62	7/07/2016	1.6.2	1.0.6	2.0.0
1.60	14/05/2015	1.6.0	1.0.6	2.0.0
1.47	4/11/2014	1.4.7	1.0.6	2.0.0
1.22	12/03/2014	1.2.2	1.0.6	1.0.3
1.21	2/09/2013	1.2.1	1.0.5	1.0.3
1.20	28/08/2013	1.2.0	1.0.5	1.0.3

Version Number	Changes Since Version	Change Details
1.64	1.62	<b>No changes. Official release of changes implemented in version 1.62</b>
1.62	1.60	<p><b>*This version not officially released to end customer</b></p> <p><b>Enhancements</b></p> <ul style="list-style-type: none"> <li>• Individual harmonics magnitude &lt;1% available</li> <li>• CT primary / secondary ration data can take float values</li> </ul> <p><b>Fixes</b></p> <ul style="list-style-type: none"> <li>• In case of negative energy flow, the energy displayed not correct : fixed</li> <li>• Single/ Multiple coil read correction for DI,DO, Alarms</li> <li>• 8905 Bitmap Register Changed from UINT32 to UINT16</li> <li>• Power Fail Reset Counter Not Getting Changed on HMI After Reset</li> <li>• In 2VT configuration, unused phase value was showing 0. – Fixed</li> <li>• Display RTC time and QR code time stamp not matching when GMT offset is added. - Fixed.</li> <li>• Missing of 1st pulse in DO Alarm Counter and Setup Changed from ON -&gt; OFF Vice verse – Fixed</li> </ul>
1.60	1.47	<p><b>Enhancements</b></p> <ul style="list-style-type: none"> <li>• 4 additional communication registers to represent PF value in IEC and Lag/lead format . These are 2 float 32 registers (3192, 3194) and 2 INT16 registers (3196, 3197)</li> <li>• Firmware update through download restricted to 10 ( MID requirement)</li> <li>• Evenly spaced pulses similar to optical pulse output implemented for Digital output</li> </ul> <p><b>Fixes</b></p> <ul style="list-style-type: none"> <li>• Individual harmonic values not accessible through communication fixed</li> <li>• Spurious neutral current while phases carry balanced currents fixed</li> </ul>

## PM5111 FW Releases

		<ul style="list-style-type: none"> <li>• Demand Fix to Correct the behavior in Command Sync and Clock Sync Mode</li> <li>• DI/DO/Relay counter value not reset to zero by Global reset through HMI fixed</li> <li>• DO pulses per K__h not able to set through HMI -fixed</li> </ul>
1.47	1.22	<p><b>Enhancement</b></p> <ul style="list-style-type: none"> <li>• Added Float 32 energy registers to support both INT64 and Float 32 energy registers</li> <li>• Added QR code functionality</li> </ul> <p><b>Fixes</b></p> <ul style="list-style-type: none"> <li>• Fix issue: Multi tariff energy not retaining value on power cycle while Multi tariff in Input mode</li> <li>• Fix issue: RTC day roll over not in sync with 24 hours.</li> <li>• Fix issue: After data log roll over value only partial records are retrievable</li> </ul>
1.22	1.21	<p><b>Fix</b></p> <ul style="list-style-type: none"> <li>• DLF upgrade can be done at 38400 baud rate</li> </ul>
1.21	1.20	<p><b>Fixes</b></p> <ul style="list-style-type: none"> <li>• Fix for LED pulse output to provide correct pulses for different ct/pt ratios</li> </ul>
1.20	None	<p>Initial release MID firmware :</p> <p>Features : Revenue lock, New LCD display (Tianma) support, 61557-12 compliance</p>