PR Series Firmware Information
Release notes January-2015 v1.01 through November-2018 v1.35

V1.35: 11/16/2018
1. Bug fixed: Status bar shows abnormally for trend mode in real-time pages.
2. Bug fixed: Function "Synchronize via Internet" works abnormally.
3. Bug fixed: The date style within the output excel file is not the same as UI.
4. Bug fixed: Automatically going to the next or previous page should functions for circular graph when using button "Step Forward" or "Step Backward" in historical mode.
5. Bug fixed: The first dot data is toward the time stamp for the last dot for circular graph in historical mode.
6. Bug fixed: Page mode setting is sometimes different between pc software and recorder.
7. Add function: Web server now supports individual and circular trend graph and also scale graph.
8. Bug fixed: Channel values change abnormally within page "Overview".
9. Add function: Backup or Restoring function will be enabled by holding the touch screen while turning on the power until the blue screen appears.
10. Add function: Add modbus command for setting clock.
11. Bug fixed: Error message raised by invalid data due to abnormally power off.
12. Bug fixed: Invalid date/time stamp for power off event due to abnormally power off.
13. Add function: Add option “15 second” into log speed.
14. Add function: Add external channels into the option list of a totalizer source.
15. Bug fixed: Auto-Dump/Auto-Clear will be stopped by an error message raised by manual dump when SD/USB drive is not ready.
16. Add function: Add option “5, 10 & 15 Minute” into log speed.
17. Add function: ‘Update core system’ is modified to allow users to backup logged data and config data.
18. Bug fixed: Mouse cursor shows abnormally.
20. Bug fixed: Auto-Dump/Clear will be blocked by other jobs.
21. Bug fixed: Data logging for a long period of time slows down initiating dumping and clearing.
23. Bug fixed: The count of decoded data could be abnormally more if more than one logging methods (instant + others) are used successively for a single channel.
24. Bug fixed: Extremely huge negative values cannot be shown properly in scientific notation in trend scales.
25. Bug fixed: Keep using job “dump data” will cause memory low if configured in "Transfer and Remain".
26. Bug fixed: Names in Chinese will be cut in digital box
27. Bug fixed: Incorrect showing for the existence of the external storage sometimes.
28. Bug fixed: Output historical data via POS printer, only part of the channels are printed and the order of printed channels should be the same as the pen order of page settings.

V1.33: 5/25/’18
1. Bug fixed: System goes wrong by using "Scan Page" function for a long time.
2. Bug fixed: Keep using job 'dump data' will cause memory low finally.
V1.32: 1/11/'18
1. Add "Last 1 day"~"Last 30 days" into the options for Dump and Clear.
2. Add scales for circular chart.
3. Add reference points for trend and circular chart.
4. Add low limit for Comm->Modbus Client/Master->Sample Rate->Timeout and commands interval.
5. The options for Alarm->Holding Time will be "Disable, 0 ~ 60 Min".
6. Add a new model named "PR20F".
7. Bug fixed: Communication becomes abnormal after downloading config data from pc software for several times.

V1.31: 10/16/'17
1. Bug fixed: After power on for 25 days some buttons of the UI will be locked.

V1.30: 08/15/'17
1. Add function: Add scale for trend and individual mode in realtime.
2. Bug fixed: Realtime Viewer doesn't update the changed configuration after configuring PR from PC.
3. Bug fixed: Totalizer channels work abnormally with DI pulse input.
4. Add function: Add an option "Print Header" into Auto-output.
5. Modification: The printer driver is updated to a new version.
6. Bug fixed: An error will be caused by using job copy value and paste value after a period of time.
8. Bug fixed: An event forwarding to email group1 will be sent to all groups.

V1.23: 05/04/'17
1. Bug fixed: Calibrating voltage for AI channels causes system error.
2. Bug fixed: A normal type event should not be controlled by System Event->Send Email setting.
3. Bug fixed: There is an opportunity for pc software to incorrectly detect demo mode.

V1.22: 02/16/'17
1. Add function: Math function is now available for standard version.

V1.21: 2017/01
1. Bug fixed: Unplugging SD card during data dumping may cause abnormal behavior or system error.
2. Bug fixed: Batch information is not completely printed while stopping a batch.V1.20: 2016/11
1. Add function: Add remaining time into the controller page for the current segment of the running profile.
2. Add function: PV channel of controller card is now available for the source of math expression.
3. Add function: Start/End jobs are now available for profiles.
4. Add function: Logging speed 1 and 2 Hour/Dot are are now available.
V1.10:
1. Add function: Controller card is now supported.
2. Add function: Email function can be controlled by selecting a scheduled time and setting groups.
3. Add function: The event logging for "Config" will be more detailed.
4. Add function: Realtime page mode "Individual" is added.
5. Add function: Email subject will contain instrument name.
6. Bug fixed: The outgoing value conversion for external channels is corrected.
7. Bug fixed: The configuration data should be compatible downward.

V1.06: 2016/05/12
1. Add function: Add an option "Day" for period of totalizer channels.
2. Add function: Calibrate can be protected by a password.
3. Add function: Start/Stop jobs are supported even batch mode is disabled.
4. Add function: Alarms can be delayed by setting holding time.
5. Add function: The amount of batch comments is up to 10.
6. Add function: Start up image can be set under configuration->Instrument.

V1.05: 2015/10/22
1. Add function: SSL function is now supported for email.
2. Add function: Print dialog is updated.
3. Bug fixed: Time zone setting is no more only for synchronize via internet.
4. Bug fixed: The maximum amount of AO channels is 6 for PR10&20.
5. Bug fixed: Filter of AI channel should not function while the input value is error.
6. Bug fixed: Channel name in simplified Chinese will cause slow reaction in realtime digital mode.
7. Bug fixed: Version of Plus1 and 3 cannot be booted into real mode without IO cards.

V1.04: 2015/06/25
1. Add function: Add driver for AO card and AO calibration.

V1.03: 2015/06/01
1. Add function: Add protocol MAXXIS for serial communication.
3. Add function: Add Greek into multiple language.
4. Add function: Scientific notation will be activated if the digits of value > 11 or exceed the allowed display area.
5. Bug fixed: Device IP will be changed after loading config.
6. Bug fixed: DO channels interfere the working of AI channels and it will cause system halt.

V1.02: 2015/01/22
1. Add function: Add driver for AI card with 3 channels.
V1.01: 2015/01/16
1. Bug fixed: PC software uploads incorrect configuration because IO cards were changed before power on.
2. Bug fixed: If Do channels are configured to be reversed, the behavior of function TurnBitOn and TurnBitOff will be unexpected.
3. Bug fixed: The LCD brightness will be changed if custom page downloading is failed.
4. Bug fixed: The file outputted by job "Output Historical Data" contains data out of expected time range.
5. Bug fixed: System halts if you immediately press the enter button when the math expression dialog appears.
6. Bug fixed: Login dialog is missing when users change between real and demo mode under FDA security mode.