

# Absoluta Plus 4.20.20

## B104 - STMicroelectronics

### VERSION HISTORY

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✓ **4.20.20** (13-09-2024)

- Panel 4.20.20 *Update*
- ABS-IP 2.00.10
- BW-PGH HOST 1.00.27
- BW-PGH MODEM 2.038
- Language File K\_DEF

**Bug fixes:**

- Recovered the functionality of PowerG wireless devices enrolled on panels with initial factory configuration. The panel factory default of the panel updated to this 4.20.20 version is required only if started from previous 4.20.19 or 4.20.16 versions.

**Note:**

- Update package without the ABS-GSM firmware, no longer required in case of installation with ABS-LTE. For installations with ABS-GSM, and if you need to update this module to the latest 3.00.11, please use the 4.10.37 package still available in the same Technical Library page and then update to the 4.20.20.
- This firmware version confirms the increase from 5 to 15 minutes of delay before signaling the IP Remote Server fault of ABS-IP on the keypad.

**WARNING**

Moving from version 4.10.37 or older, the panel firmware upgrade enabling the ABS-LTE support requires that it is performed before the ABS-LTE installation.

To configure the panel updated to this firmware version with the BOSS it is required that also the BOSS is updated by using the Driver Packs for panels 4.20 available in the dedicated area of Technical Library.

✓ **4.20.19** (23-08-2024)

- Panel 4.20.19 *Update*
- ABS-IP 2.00.10
- BW-PGH HOST 1.00.27
- BW-PGH MODEM 2.038
- Language File K\_DEF

**Bug fixes:**

- Recovered the functionality of PowerG wireless devices enrolled on panels with initial factory configuration
- Recovered the automatic restart of ABS-GSM after its programming change.

**Note:**

- Update package without the ABS-GSM firmware, no longer required.

**WARNING**

Moving from version 4.10.37 or older, the panel firmware upgrade enabling the ABS-LTE support requires that it is performed before the ABS-LTE installation.

**✓ 4.20.16 (08-07-2024)**

- Panel 4.20.16 *Update*
- ABS-GSM 3.00.11
- ABS-IP 2.00.10
- BW-PGH HOST 1.00.27
- BW-PGH MODEM 2.038
- Language File K\_DEF

**Changes and Optimizations:**

- Added the management of ABS-LTE

**WARNING**

The panel must be updated before the ABS\_LTE installation

- Increased from 5 to 15 minutes the delay before signaling the IP Remote Server fault of ABS-IP on the keypad.

**✓ 4.10.37 (18-07-2023)**

- Panel 4.10.37 *Update*
- ABS-GSM 3.00.11
- ABS-IP 2.00.10 *Update*
- BW-PGH HOST 1.00.27
- BW-PGH MODEM 2.038
- Language File K\_DEF

**Corrections and Optimizations:**

- Removed the configuration of BW wireless devices via the keypad, except for keyfobs.
- Third party integration protocol on ABS-IP. Fixed the issue about management of panel full zones on the ABS-18, ABS-48 and ABS-128 versions.

**Bug fixes and minor changes:**

- Fixed minor issues.

✓ **4.10.24** (21-03-2022)

- Panel 4.10.24
  - ABS-GSM 3.00.11
  - ABS-IP 2.00.09
  - BW-PGH HOST 1.00.27
  - BW-PGH MODEM 2.038
  - Language File K\_DEF
- Update*

**Corrections and Optimizations:**

- Fixed the faulty panel firmware update that can occur on some panel boards with firmware 4.10.23 or lower.  
In case of experiencing this issue, the workaround is about to repeat the update with both communicators (ABS-IP and ABS-GSM) inserted and enabled.

**Bug fixes and minor changes:**

- Fixed minor issues.

✓ **4.10.23** (18-02-2022)

- Panel 4.10.23
  - ABS-GSM 3.00.11
  - ABS-IP 2.00.09
  - BW-PGH HOST 1.00.27
  - BW-PGH MODEM 2.038
  - Language File K\_DEF
- Update*

**Bug fixes and minor changes:**

- Fixed the possible temporary loss of the panel communication with the BW-PGH by the new firmware version BW-PGH HOST 1.00.27.  
The Panel change to 4.10.23 is functional only to track the update of BW-PGH HOST in this firmware package, there is no panel different functionality compared to previous 4.10.22.

✓ **4.10.22** (25-01-2022)

- Panel 4.10.22
- ABS-GSM 3.00.11
- ABS-IP 2.00.09
- BW-PGH HOST 1.00.26
- BW-PGH MODEM 2.038
- Language File K\_DEF

**Corrections and Optimizations:**

- Improved the reliability of communication between panel and BW-PGH
- Improved the reliability of communication between panel and the BPI devices
- Fixed the wrong time synchronization with the user App server via the ABS-IP.

**Bug fixes and minor changes:**

- Fixed minor issues.

**Note:**

- Absoluta 4.10 will only be compatible with version 2.10 of M-Touch keypad.

	<b>ABS-PLUS 4.00 Grade 2</b>	<b>ABS-PLUS 4.10 Grade 2</b>
<b>M-Touch 2.02</b>	√ *Limited to 104 zones	X
<b>M-Touch 2.10</b>	√ *Limited to 104 zones and without Features of Version 2.10	√

## PREREQUISITES

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- USB pen drive
- Download the file (available on <http://www.bentelsecurity.com/index.php?n=library>)
- Unzip the file into your USB pen drive in order to get the following folders:
  - K\_FW
  - KST\_FW(i.e. if the USB pen drive is **E:** , then you should verify if the folders **E:/K\_FW** and **E:/KST\_FW** exist)
- ABS-GSM board plugged in and configured as “Present” (in case of GSM support required)
- ABS-IP board plugged in and configured as “Present” (in case of IP support required)

## FIRMWARE UPGRADE

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1. Plug the USB pen drive in the Absoluta USB slot
2. Go to Installer Menu **1.7**, enable “**LEVEL 4**” pressing “ON”
3. Exit from Installer menu
4. Login with “**LEVEL 4**” user : press **B** and Level 4 PIN
5. Go to Menu **1.4** “**UPGRADE ABS**”, press “**ENTER**”, then on “**USB -> FW**” press “**ENTER**” again.

Please wait till the firmware upgrade procedure is completed.

### **WARNING!**

- The panel could restart more than once.
- Please don't unplug the USB pen drive till you can see the “**Bentel Absoluta**” label on the second line of LCD display.

To verify the success of Firmware upgrade procedure, please check:

- A. The following message in User or Installer menu: “**PROGRAM RESTART**”;
- B. The following events in the buffer: “**FW UPGRADE REQ.**”, “**FW UPGRADE DONE**”;
- C. The firmware version in Installer menu **3.2**.