



Technical Release Note R01-24 LightSYS Plus Ver. 3.0.1

Date	January 01, 2024
Product Line	LightSYS Plus
Software Release	V 3.0.1

System Details

- A. Version 3.0.1.0009
- B. Software Date 12/12/23
- C. Checksum 0x7543
- D. Software label LightSYSPlus-FscpV3.0.1.0009
- E. Additional main panel units
 - Boot Loader
 - Software version: V02.01.00.0001
 - Date of software version: 19/05/21
 - Checksum of software version: 0x0AAD
- F. HW Version 1PC432MP0000B
- G. Languages - See Appendix A
- H. Defaults - See Appendix B
- I. Accessories

Module/Device	Version (Boot)	Date	Checksum
W/L Expander (WMCP)	V1.48	14/11/21	0x9ACA
W/L Video Expander (WVE)	V2.16 (V1.08)	26/10/23	0x22BE
Panda Wired Keypad (PKPCP)	V1.24	04/04/22	0xC378
Narrow Keypad (KPCP)	V0.73 (V4)	04/04/22	0xE6A8
Elegant Keypad (ELKPCP) (ST Processor)	V1.14 (V3.02)	10/02/22	0x63D9
Elegant Keypad (ELKPCP) (Giga Device processor)	V1.20 (V5.00)	29/05/23	0x6B6D
8-ZE Old (1PC432EZ8000*) (ZECP)	V0.22 (V1)	10/12/18	0xE758
8-ZE New (1PC432EZ800*) (ZECP)	V1.14 (V1.04)	19/10/21	0xA956
16-ZE (ZECP16)	V1.14 (V1.04)	19/10/21	0xA956
Voice Module (VMCP)	V1.41 (V1.02)	08/07/15	0x461D
GSM 2G/3G/4G (Gemalto)	V1.84 (V0.10)	19/10/21	0x5605

GSM 2G/4G (Telit)	V0.30	12/12/23	0x6A84
Cellular On Bus module (COB)	V0.08	27/06/19	0xA4B9
Door Opener	V1.10 (V2)	31/10/22	0x633A
PSTN Plug-In module	V1.03	04/01/23	0x6DDA
SMPS (Beta)	V1.09	26/06/23	0x8FDA
4 X Utility Outputs (will be released to beta soon)	V1.13	22/08/23	0x6F43

Wireless Accessories (via the video module)

Device	Version (Boot)	Date	Checksum
2- Way Repeater	V1.17 (1.03)	31/07/23	0x3E0D
W/L Panda Keypad for LightSYS Plus	V1.16 (2.01)	29/11/23	0xE90A

1. Overview

RISCO Group are pleased to announce the release of LightSYS Plus firmware version 3.0.1.

This release introduces improvements, new features, device compatibility for new products and bug fixes.

2. New Features and Enhancements

- 2.1. Support 'WL Panda keypad for LS Plus'.
- 2.2. Support 2-way repeater.
- 2.3. Support the new SMPS 3.5A expander.
- 2.4. Update defaults for customer ID: OIL, OUK
- 2.5. Modify translation for all languages.
- 2.6. OBR (Brazil) PSTN - Change PSTN standard from MC to MA.(Requires to default the panel to factory settings in order to take affect).
- 2.7. Accessories upgrade - Panel will not upgrade Elegant keypad with GIGA Device processor.
- 2.8. WL Panda keypad - LS Plus will avoid downgrade of the Panda keypad's firmware (version 1.14 and higher) in case the Panda's firmware version is newer.
Note: This change is taking affect from LS Plus version 3.0.1 and any future version.
- 2.9. Wired Device – The S/N of bus devices (Such as the Dor Opener and the new SMPS 3.5A) will be presented as decimal number (instead of Hex number).
- 2.10. Update the firmware of the Wireless Video Expander to enhance the communication between the expander to the WL Panda keypad and to the 2-way Repeater.

3. bug fixes

Description

Benelux – Fix network connectivity issue using a private APN for a specific customer.

FOTA upgrade failed – Old ProSYS Keypad - In case the upgrade progress should be displayed on the ProSYS keypad, the upgrade failed on timeout.

4. Special Notes

- 4.1. **Configuration Software Compatibility – CS ver. 5.0.0 (build 0011).**

This CS version will be released as beta process during middle-end of September.

Link for downloading the CS **beta** version: [5.0.0](#)

[https://drive.google.com/file/d/14VjuNK7HXUKKingDMiC1J2dNkK2ruCi5/view?usp=drive link](https://drive.google.com/file/d/14VjuNK7HXUKKingDMiC1J2dNkK2ruCi5/view?usp=drive_link))

4.2. WL Panda keypad is not supported by the 2-way repeater yet.

4.3. Panel – Installation via CS:

There is no option to connect the Panel to CS via PSTN (Modem).

4.4. **Remote Upgrade via GPRS**

- Triggering from CS:

In case BUS siren is connected to panel and triggers the remote upgrade from CS – Siren will sound alarm during the panel's reset process, after downloading the files. (This issue is fixed in LightSYS Plus 1.0.0.27 and panels with this version will not see this issue. Panels with version 1.0.0.24 that are upgraded to 1.0.0.27 will encounter this issue, if the trigger of the remote Upgrade is done via CS [trigger from Keypad is OK]).

4.5. **Arm and disarm panel via incoming call** - Unable to Arm/Disarm partitions 9 and up (32) via voice module.

4.6. **GSM Telit:**

4.6.1. GSM 2G/4G on COB

- i. It is not possible to perform remote upgrade.
- ii. GSM 2G / 4G - TX Voltage Test functionality doesn't work correctly – Test result will be 0 or will cause a communication trouble.

4.7. **COB Module**

CS tunneling operation via GSM that is connected on COB will take longer time than if it's connected directly on the panel's main board.

4.8. **Wi-Fi**

4.8.1. No support for WEP Connection.

4.8.2. No support for WPS connection by PIN Code.

4.8.3. No support for WPA / WPA2 enterprise security

4.8.4. Max password chars are 31 (instead 32).

4.8.5. Max SSID name chars is are 31 (instead 32).

4.8.6. Max WIFI networks in scan are 20.

4.8.7. The WiFi module does NOT support 5GHz WiFi Networks (only 2.4G support).

4.8.8. Cloud event history - IP network error and WiFi restore event appear in Cloud event history with LAN module - instead of WIFI module.

4.9. **Wireless module**

4.9.1.WLKP2W - Unable to arm more than 3 partitions via W/L keypad even though the keypad is masked for all partitions. For example, if press on 3 2 and then the arm key - will arm only partition 2 and not 32 as expected.

4.9.2.Installer unable to allocate new W/L device on any W/L module if at least one W/L module is disconnected (but allocated) - Unit does not respond and a tamper restore message appears.

5. Upgrade Process

Remote upgrade can be performed from firmware.RISCOgroup.com.

Backup for the panel configuration must be done before this upgrade.

Appendix A

Languages

Language	Version	Language	Version
Chinese	V17.00	Greek	V20.00
Czech	V19.00	Hebrew	V21.00
Danish	V18.00	Hungarian	V18.00
Dutch	V21.00	Italian	V22.00
English (AU)	V17.00	Polish	V18.00
English (UK)	V18.00	PortugBR	V19.00
English (US)	V19.00	Russian	V17.00
English (IE)	V06.00	Spanish	V19.00
French	V19.00	Thai	V19.00
German	V19.00	English (GT)	V04.00

Appendix B

Defaults

CID	Version	CID	Version
OCN	V1.03	OIL	V1.06
OCZ	V1.03	OHU	V1.03
ODK	V1.03	OIT	V1.03
ONL	V1.03	OPL	V1.03
OAU	V1.03	OBR	V1.03
OUK	V1.06	ORU	V1.03
OEN	V1.03	OSP	V1.03
OFR	V1.03	OTH	V1.03
ODE	V1.03	OIE	V1.04
OGR	V1.03	OGT	V1.00

For any queries or additional information regarding this issue contact **Technical** from RISCO UK Service Group.

Notice

This document contains *proprietary* and *confidential* material of RISCO Group, Ltd. Any unauthorized reproduction, use, or disclosure of this material, or any part thereof, is strictly prohibited. This document is solely for the use of RISCO Group, Ltd. employees and authorized RISCO Group, Ltd. customers.

The material furnished in this document is believed to be accurate and reliable. However, no responsibility is assumed RISCO Group, Ltd. for the use of this material. RISCO Group, Ltd. reserves the right to make changes to the material at any time and without notice.

Copyright © 2024 RISCO Group, Ltd. All rights reserved.

Products and company names mentioned herein may be trademarks and/or registered trademarks of their respective companies.