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LightSYS™ 2



Installation Supplement

Firmware Version 5.xx and above

Live IP Video Verification Solution for LightSYS2

LightSYS2 supports VUpoint – RISCO’s revolutionary, live video verification solution for residential and commercial installations that seamlessly integrates an unlimited number of IP cameras for providing an unprecedented level of security and live video monitoring capabilities to alarm receiving centers and end-users alike.

- VUpoint offers seamless integration of LightSYS2 with IP cameras
- A unique solution, offering **live video verification of alarms** for alarm receiving centers, business & home owners
- **Live video on-demand** for business & home owners

Note: VUpoint may be added to any LightSYS2 system connected to the RISCO Cloud and is not dependent on the firmware version installed.



VUpoint Indoor Cube IP Camera



VUpoint Outdoor Bullet IP Camera

Powered by the RISCO Cloud, VUpoint enables live video streaming from IP cameras to be viewed “on-demand” using the iRISCO Smartphone or Web application. VUpoint can be configured so that any event—intrusion, safety or panic—can activate the IP camera.

For verification purposes, live viewing of video of events can greatly assist alarm receiving centers in identifying costly false alarms, and enable a greater operational efficiency.

Download the iRISCO app from the Apple Store for iOS devices and the Play Store for Android devices. For more information contact your RISCO Distributor or go to www.riscogroup.com/uk

Summary of Version 5.xx Enhancements

This section describes the product enhancements available for LightSYS2, firmware version 5.xx and above.

LightSYS2 version changes were made in consideration of market requirements and improvements to the product.

Table of Expanded System Capabilities

Capability	LightSYS2 Firmware versions 2.xx	LightSYS2 Firmware versions 3.xx	LightSYS2 Firmware versions 5.2 and above
Total Maximum Zones Any combination of wired, wireless or bus zones as specified below:	32	50	50
Wired Zones	Up to 32	Up to 50	Up to 50
Wireless Zones (1-way or 2-way)	Up to 32	Up to 50	Up to 50
Bus Zones	Up to 32	Up to 32	Up to 32
User codes & tags	Up to 16 user codes & tags	Up to 30 user codes & tags	Up to 30 user codes & tags
Programmable outputs	Up to 14 outputs	Up to 32 outputs	Up to 32 outputs
Zone expander modules	Up to 3 modules (8 zones each)	Up to 5 modules (8 zones each)	Up to 5 modules (8 zones each)
Output expander modules	Up to 4 modules (either 4 or 8 outputs each)	Up to 6 modules (either 4 or 8 outputs each)	Up to 6 modules (either 4 or 8 outputs each)
Supports new generation communication modules (IPC2, GSM 3G)	No	No	Yes
Cloud Channel Backup	No	No	Yes
Event Log Capacity	500	500	1,000
SIA IP	No	No	Yes

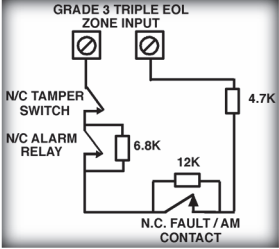
Grade 3 Features

By default, LightSYS2 is configured to Grade 2. In order to meet Grade 3 requirements, go to:

Engineer Menu→**Programming**→**1)System**→**5)Settings**→**4)Standard**→**4)EN 50131(G3)**

NOTE: This will invoke a default of the system parameters.

The following table details the parameter configurations to meet Grade 3 requirements in the UK:

Item	Grade 2	Grade 3	Explanation
USER CODES	4 digits	6 digits	NOTE: changing the number of code digits will require re-defining all current user codes.
ANTI CODE RESET	4 digits	6 digits	
ENGINEER TAMPER	Not required	Required	<p>For Grade-3, the system control bit “ENGR. TAMPER” shall be defined as YES.</p> <p>Menu = [Programming][System][Controls][Advanced]</p> <p>YES: A Tamper event causes a Lockout condition which can only be reset by the Engineer code or by Anti-Code.</p> <p>NO: A Tamper event does not cause a Lockout condition</p>
FAULT RESET	Not required	Required	<p>For Grade 3, the system control bit “Rest Fault” shall be defined as YES.</p> <p>Menu = [Programming][System][Controls][EN50131]</p> <p>YES: A System Fault condition must be acknowledged by the user</p> <p>NO: A System Fault condition will reset automatically when clear</p>
DETECTOR MASK AND FAULT	Not required	Required	<p>For Grade 3, triple end-of-line termination is supported to identify detector masking and fault providing that a three resistor option is selected in the [Zones][Parameters][Resistance] menu.</p> 
INHIBIT KEYPAD	Not required	Required	For Grade 3, 10 invalid code entry attempts will lock the keypad for 90 seconds (relevant for all user codes and operations – arming, disarming, etc.)
DUAL PATH SETTING PREVENTION	Required	Required	If there is a communication fault with the ARC (by PSTN, TCP/IP, GSM, or STU) the panel will not be ready to arm.