

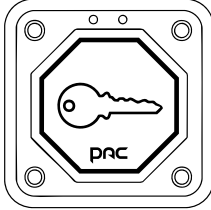


# PAC GS4 Vandal Reader

## Quick Start Guide v1.1

April 2026

p/n: **VRMT** PAC GS4 Vandal Reader



Technical Documentation



Doc ref: GDX\_VRMT\_QSG\_v1

### WEEE Directive and Product Disposal



At the end of its serviceable life this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment or returned to the supplier for disposal.

### Disclaimer

COMELIT-PAC Ltd. does not assume any responsibility for:

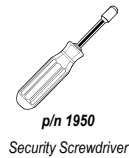
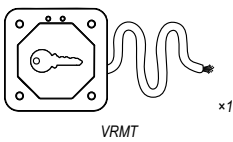
- Any purpose other than the intended use.
- Failure to observe the indications and warnings contained in this manual / instruction sheet.



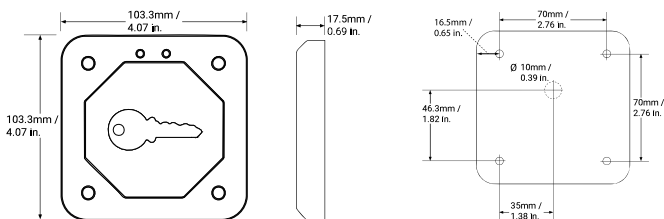
COMELIT-PAC Ltd. reserves the right to change the information provided in this manual at any time and without prior notice.



### Optional tools



### Dimensions



## Health & Safety



Failure to follow installation instructions may increase the risk of injury or death by electric shock, and may cause damage to hardware.

### Intended use

This product is designed and manufactured for use in the creation of audio and video communication systems in residential and public buildings.

### Installation and Safe usage

COMELIT-PAC products must be installed to:

- Meet the requirements of the country of installation's National Wiring Regulations (BS7671, IET National Wiring Regulations in the UK) and EN60950-1.
- Be carried out by suitably competent, qualified and experienced personnel.
- Comply with any local fire, health and safety regulations.
- Ensure hardware and controllers (e.g. entrance panels, readers, door controllers, etc.) are earthed.

### Cabling

Control systems' cabling should be installed to reduce interference with other equipment and / or building environment.

- Do not run system cables alongside any heavy load switching cables.
- When you must run close to HV cables cross the cable at right angles every 1–2 m / 3–6 ft.
- To ensure safety, compliance, and ease of maintenance, we strongly recommend that all Extra Low Voltage (ELV) cabling be installed using dedicated sectioned cable trays or protective tubing.

### For new installations

- PAC Secure Data Bus (SDB) requires a minimum of 4-core 0.5mm<sup>2</sup> cable.
- 4-core unscreened (2-wire 0.5mm<sup>2</sup> (gnd) + 2-wire 0.22mm<sup>2</sup>)

### For retrofit options



For existing cabling, use cables with a cross-section suited to the current requirements and distances involved for data connections.

### Maintenance

- Any damaged or faulty products must be reported to COMELIT-PAC Technical Support.
- Any attempt to carry out repairs or modification to the electronic components or the physical product will void the product warranty.
- Do not use alcohol or aggressive products for cleaning purposes.

### RFID Devices

RFID technology is now widely used in a number of industries, it is possible that interaction between your credential and other devices in the vicinity may cause incorrect operation or recognition. Should you suspect that you have experienced such a problem, ensure the interfering device is out of range. **This only applies if any RFID devices have been fitted.**

### Equipment Electrical Rating

All electrical equipment should have electrical ratings clearly stated on an identification label and in any documentation provided. Any applicable fuse ratings will also be specified within the documentation.

## 1.0 Installation

1. Ensure your product comes with the items indicated in ; if not please contact your dealer.
2. Drill a 10mm [13/32"] diameter hole for the cable.
3. Connect the cable.
4. Apply power when all readers are installed.
5. Use the supplied vandal resistant screws to attach the reader to the wall. These require a special screwdriver (P/N 1950), available separately.
6. If using Online mode, configure the reader in Housing Central if required.



Mount readers > 1m [3'] apart, e.g. on either side of the door. Mounting on metal surfaces will reduce the reading range.

- For outside readers, use the supplied corrosion-resistant fixings to affix to the wall.
- The supplied MOV (Metal Oxide Varistor p/n B72207S250K101) should be fitted across the power terminals at the lock to suppress back EMF. Any suppression diodes fitted in the lock / lock circuit must be removed.

### Reader Tamper

See Reader operation and Reader configuration options for more information.



If the reader is unexpectedly moved / dislodged, the tamper signal will be activated.



Tamper is not available in Standalone mode. It can be configured in Online mode.

The tamper message is sent to the controller, and if connected to Housing Central, reported as an event.

## 2.0 Cable requirements

### Cable connections (Reader to Controller)



Supplied with 3m fitted cable

@ Reader	@ Controller	Max. distance	@ Reader	@ Controller
Red	+V (12V–24V)	100m using 4-core RS-485	Yellow	Future use
Black	0V (GND)		Blue	Future use
Orange	RS485-A		Brown	Future use
Green	RS485-B		White	Future use

## 3.0 Reader operation

Event	LEDs		Sounder
	Default	Change State	
Correct credential type detected	Red	n/a	Normal beep
Valid credential detected		Solid Green	n/a
Door opened by handset			n/a
Invalid credential detected		3× Flash Red and Green	n/a
Tamper		n/a	3× quick beeps repeats every 5-seconds

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## Compliance



Do not discard this product along with other household waste. It must be collected and treated separately.

Hereby, COMELIT-PAC Ltd. declares that the equipment conforms to the following: -

- Radio Emissions Directive
- RoHS Directive
- WEEE Directive

Declaration of Conformity is available on request. In addition to meeting the minimum CE requirements, this product has been tested to the following:

- EN 50131 — Security Grade 3, Environmental Class IIIA, Type A Fixed Device (per EN 50131-3)
- EN 50133 — Access Point Reader, Recognition Class 2, Environmental Class IIIA, IP67, IK08
  - EN 50130-4 (per 50131 and 50133)
  - EN 50130-5 (per 50131 and 50133)

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## 4.0 Reader configuration options

Credential format	Standalone	Online & PC	Notes
OPS (default)	✓	✓	Only one format can be active at any one time
or OPS Lite or CSN (MSB) or CSN(LSB)	n/a	✗	
PAC	✓	✓	
KeyPAC	✓	✓	Only one format can be active at any one time
or OpenEM	n/a	✗	
GDX Indigo	✓	✓	
LED	✓	✗	
Sounder	✓	✗	Configurable in Online mode only
Tamper	n/a	✗	

✗ Configurable

### Configure Reader settings

1. Login to your Housing Central system
2. Create a Reader profile in **Reader**.

Full details are available in the Housing Central Help File.



Default settings for Online mode are shown in table above. For Standalone mode these settings are NOT configurable.

## 5.0 Specifications

Credential read range	≤ 30mm	
Reader power requirements	V: 12V–24V DC	I: 140mA @ 12V
Temperature	Operating	–40°C to +66°C
	Storage	–40°C to +66°C
Humidity	Operating for 24 hours	10-85% RH @ 30±2°C
Weight	482g	

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