

## AC-Q41HB

### Anti-Vandal Backlit PIN Standalone Controller

**This advanced anti-vandal 500 user standalone controller features shiny blue illuminated metal keys for PIN code user credentials. AC-Q41HB has a rugged metal construction ideal for installations in high traffic environments. This model comes with removable terminal blocks, for quick installation, and has advanced programming options.**

### General Description

The AC-Q41HB anti-vandal controller has a unique combination of large backlit metal keys and a built-in heater. It offers a higher level of user accessibility in low light areas.

AC-Q41HB has an attractive profile, free from sharp edges, ideal for installations where style and functionality are highly important.

This feature rich unit offers all weather operation, with flexible programming capabilities including a unique "code search" for simple user management.

Non-volatile memory protects the storage of user database, modes and parameters.



### Main Features

- 500 users can have PIN user credentials for granting access.
- Smooth attractive design, with anti-vandal construction.
- Highly-visible blue backlit keypad.
- 3 operational Security Levels can be selected with special PIN codes.
- Supports up to 8-digit PIN codes, with timed wrong code lockout after 3 wrong attempts.
- 2 tri-colored LEDs and integral sounder for programming and operation.
- Removable terminal blocks are used for connecting the wires to the unit.

### PROFESSIONAL GRADE FEATURES

- Optical tamper detection output.
- Automatic internal heater prevents key freeze at  $-20^{\circ}\text{C}$  ( $4^{\circ}\text{F}$ ).
- 10 programmable modes for auxiliary input and output (3 Amp Form C Relay.)
- 3 Amp Form C Lock Strike Relay, for fail-safe and fail-secure, with input for REX.
- Supports: Door Ajar, Forced, Shunt, Monitor, and Secure mode.
- Door bell key feature operation (from '\*' bell key), with Rosslare's accessory BLD40.
- Wide range of low voltage AC/DC power input.

# AC-Q41HB Anti-Vandal Backlit PIN Standalone Controller



## Product Specifications

<b>ELECTRICAL CHARACTERISTICS</b>	
• Operating Voltage Range:	12 to 24VDC, from a regulated power supply 12 to 24VAC, from a transformer
• Input Current:	(Heater Off) Standby: 70mA, Maximum: 130mA, at 12VDC (Heater On) Standby: 550mA, Maximum: 610mA, at 12VDC
• Relay Outputs:	Lock Strike: 3A, N.O. and N.C. Auxiliary: 3A, N.O. and N.C.
• Tamper:	Optical back tamper sensor, O.C. active low 32mA max sink current
• Inputs:	REX: N.O. Dry Contact Auxiliary (In/Monitor): N.O. Dry Contact. 10 Programmable modes
<b>OPERATIONAL CHARACTERISTICS</b>	
• Capacity:	500 Users, single / dual code each
• Keypad:	3x4 Blue illuminated Keys for local programming and 4 to 8 digit PIN codes entry
• User Levels:	Normal / Secure, Master
• Security Modes:	Normal, Bypass and Secure
• Audio/Visual:	Interface for BL-D40 (bell, chime and siren enunciator) Two tri-color LED indicators, Built-in sounder
• Design:	Rugged metal enclosure, highly strong construction, metallic keys. Suitable for extremely harsh environments.
<b>ENVIRONMENTAL CHARACTERISTICS</b>	
• Operating Environment:	Water resistant, suitable for outdoor use, IP54 rated
• Operating Temperature:	-20°C to 60°C (-4°F to 140°F). Built-in heater to prevent key freezing
• Operating Humidity:	0 to 95% (non-condensing)
• RFI Protection:	> 20 V/m up to 1000 MHz
<b>PHYSICAL CHARACTERISTICS</b>	
• Dimensions:	120mm x 76mm x 27mm (4.72" x 3" x 1.06")
• Weight:	440g (1 lbs)

## System Components

The BL-D40 alarm, chime and door bell enunciator / strobe unit as well as the EX-01 Push to Exit button can be interfaced to the unit.



## Additional Information

The AC-Q41HB is covered by Rosslare's 2-year Limited Product Warranty.

For sales information or product documentation, please visit our website:  
<http://www.rosslaresecurity.com>.

