InteliDoor ™

AC-Q41H / AC-Q42H
Tough Metal, Anti-Vandal, All Weather, 500 User PIN, Door Access Controller with 125 KHz PROX option.

The two models; AC-Q41H and AC-Q42H , provide a tough and rugged indoor or outdoor solution for single door physical access control. No PC required, both models support 500 user population, smart enroll and delete, 3 security modes, with 2 relay outputs (Door and Aux), optical tamper, and 2 LED, beeping sounder, with identical programming method, (Prox Reader in AC-Q42H only).

GENERAL SYSTEM DESCRIPTION

Designed for high-traffic locations, with several doors needing physical access control, with PIN Codes, and/or Prox 125 KHz Cards or Tags. These two models are heavy duty tested, and are built to be used hostile environments, such as all weather outdoors.

The AC-Q42H Prox & PIN stand-alone controller, and AC-Q41H PIN only stand-alone controller have been designed to be the most cost effective anti-vandal solution for outdoor residential, commercial, and industrial applications.

The controllers are capable of handling up to 500 users, with each user capable of being assigned with one or two codes, providing the capability to have three different security levels.

The AC-Q42H contains a built-in proximity card reader enabling dual technology Prox & PIN codes for added security. Housed in a *metal resistant enclosure and completely epoxy potted, the AC-Q41H and AC-Q42H are ready to function rain or shine.

With two 5A Form C relay outputs and two inputs the AC-Q41H and AC-Q42H can function as a single door controller or even a two door controller and more....

Each unit has two inputs (Rex) and (Door Monitor) and two outputs for (Door Strike) and (Auxuliary Use)

ADVANCED FEATURES

> Up to 500 User Population

> 125 KHz Proximity Card Reader. Included in model AC-Q42.

> Read Range: 65mm (AC-Q42).

> Built in Standard Keypad for PIN code entry

> Internal Buzzer

> Two Status / Programming Interface LED's .

> Internal Three User Levels Hierarchy.
  Normal User
  Secure User
  Master User

> Three user selectable Modes of Operation.
  Normal Mode
  Bypass Mode
  Secure Mode

> "Code Search" feature that helps make maintaining user codes easier.

> Input for Request to Exit (REX) button.

> Comes with mounting template for easier installation.

> Built in Optical Case and Back Tamper.

> Bell, Chime, Siren, and Strobe features available with compatible unit BL-D40.

> Bell, Chime, Siren, Battery Backup, Tamper Output (Open Collector 20mA) features available, compatible with PS-X41 (Output Power 1.2A) and PS-X42 (Output Power 1.8A).

> Fully Programmable Lock Strike Release Time, Siren Time.

> Comes with security screw and tool.

**AC-Q42H
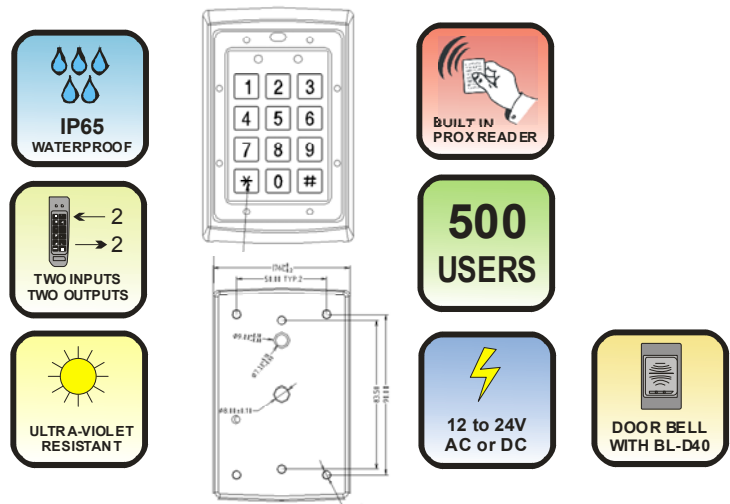Prox & Pin Controller
Standard Keypad**

**AC-Q41H
Pin Controller
Standard Keypad**

**AT-R14
Prox Card**

SUPERB QUALITY: ISO9001 PROCESS

IP65 WATERPROOF

TWO INPUTS TWO OUTPUTS

ULTRA-VIOLET RESISTANT

BUILT IN PROX READER

500 USERS

12 to 24V AC or DC

DOOR BELL WITH BL-D40

GLUE-LESS DOOR CONTROL COMPATIBILITY

Rosslare's AC-Q41H and AC-Q42H are compatible with a variety of Hardware accessories used in the market, and is directly compatible with the Rosslare BL-D40 to add Door Bell and Tamper Alarm functionality to your system. With the BL-D40 the * button can be used as a door bell.

ROSSLARE ® **SECURITY PRODUCTS**
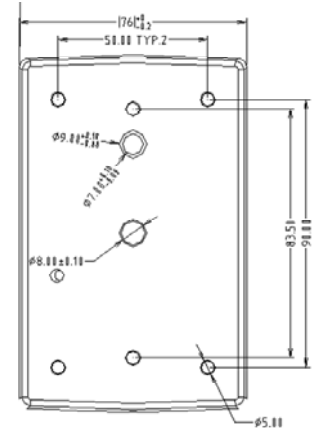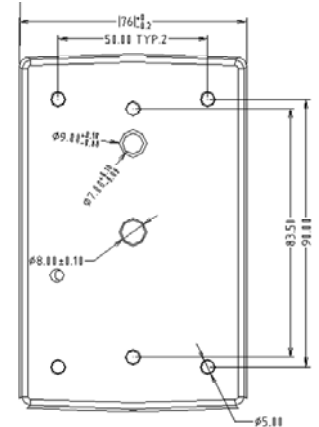
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TÜV CERT
DIN EN ISO 9001:2000
Certificate: 01 100 6925

AC-Q41H / AC-Q42H

Tough Metal, Anti-Vandal, All Weather, 500 User PIN, Door Access Controller with 125 KHz PROX option.

InteliDoor™

ELECTRICAL CHARACTERISTICS

Operating Voltage Range:

12 to 24V DC	From a Regulated Power Supply, or
12 to 24V AC	From a Transformer

Maximum Input Current at 12V:

AC-Q41H
Standby: 20 mA	Not including attached devices
Max: 75 mA	Not including attached devices

AC-Q42H
Standby: 40 mA	Not including attached devices
Max: 90 mA	Not including attached devices

Relay Outputs:
Lock Strike Relay	Form C, 5A
Auxiliary Relay	Form C, 5A

Inputs:
REX	N.O., Dry Contact
Auxiliary Input (In / Monitor)	N.O., Dry Contact

LEDs: Two Tri-colored LEDs

Built-In Proximity Reader:
Read Range*	2.5" (65 mm)
Modulation	ASK at 125 kHz
Compatible Cards	All 26-Bit EM Cards

* Measured using Rosslare Proximity Card (AT-11/12) or equivalent. Range also depends on electrical environment and proximity to metal.

READ RANGE FOR RFID CARD

Read Range:	2.5" (65mm)
Modulation :	ASK at 125kHz
Compatible Cards:	All 26-Bit EM Cards

ENVIRONMENTAL CHARACTERISTICS

Operating Temperature:	-25°F to 145°F (-31°C to 63°C)
Operating Humidity:	0 to 95% (Non-Condensing)
	Suitable for outdoor use. (IP 56)

MECHANICAL CHARACTERISTICS

Dimensions:	4.72" (120mm) L x 3" (76mm) W x 1" (27mm) D
Weight:	0.9 lbs (410g)

MECHANICAL DIMENSIONS

COMPATIBLE ACCESSORIES

BL-D40
External Sounder

EX-01
REX Switch

AT-R14
Clam Shell Prox Card

AT-R11
ISO Prox Card

PS-C17
2 Amp Power Supply

PS-C16
1.2 Amp Power Supply

AT-32B
Prox Tag / Key FOB

AT-32W
Prox Tag / Key FOB