



Model Q2W-P

Qscan is the perfect outdoor reader to read print-at-home event tickets, driver's licenses, and even qr codes from smartphone displays.

Qscan reads over 30 bar code symbologies, including Code39, Interleaved 2 of 5, Code 128, PDF417, Datamatrix, Aztec, and QR.



Standard Case



Small Case



Parameters

Features & Options

- Fast Decoding
- Programmable formatting options allow you to choose which data to read from the barcode and how to transmit it
- Available with a 2x16 lcd display, readable in direct sunlight
- 12Vdc operation
- Reads CAC and NCAC barcodes
- Optional Relay
- Optional digital inputs for door sensing or an arming loop
- Optional RF (prox, Iclass, PIV-II)

Interfaces

- Rs232
- TCP / IP
- Wiegand
- ABA
- HID 5352
- F2F
- Wand Emulation

Specifications

Barcode Read Range	3"-18" depending on size of barcode
Symbologies (1D):	Code 39, I 2 of 5, 2 of 5, 5, Code 128, Codabar, Ean8, Ean13, Jan8, Jan13, Upce, Upca, M2of5, K3of5, Postnet, Postbar, Kix, Planet, Msi, Code11, Code93
Symbologies (2D):	Pdf417, QR, Aztec, Datamatrix
Interfaces:	Wiegand, up to 250 bits, aba, f2f, wand, Rs232, TCP / IP, Hid 5352
Rf Prox (optional):	Hid,Ibc,Awid,Farpointe,Casi,EM
Rf 13Mhz (optional):	Iclass, Iclass SE, Iclass SR, Iclass SEOS, Piv-II, Mifare
Relay (optional):	Form C, 500ma max
Display (optional):	LCD, 2 lines by 16 characters, viewable in direct sunlight, standard enclosure only
Digital Inputs (optional):	2, one may be programmed for an arming loop
Tcp/ip	10/100 autodetect
Power Consumption:	300ma max, 200ma typical @12vdc, Acceptable supply voltage 8-12vdc
Material:	Black polycarbonate
Dimensions:	Standard enclosure: 8" L x 4.7" W, mounted horizontally Small enclosure: 7" L x 3.5" W, mounted vertically
Weight	Standard enclosure 1.5 lb., small enclosure 14 oz.
Outdoor Rating:	IP65
Mounting:	Front Side Flange
Indicators	2 programmable LEDs
Temperature	-40°C to +85°C
Standard Wiring (Fixed):	3ft (91.5cm) cable with DB9 female (RS232), flying leads (wiegand, aba, wand, f2f) or RJ45 (TCP / IP)



QSCAN -

RF	INTERFACE	RELAY	SENSE	DISPLAY	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	- X

Reserved for one or more of the "X" options shown below, and special configurations assigned by IBC. If not including one of the "X" options below, and IBC has not assigned you an option letter for this field, leave blank.

RF

No RF - 0
 Hid, Ibc, Farpointe, Casi, EM Prox - H
 Iclass - I ³
 Iclass ³ & Hid/Awid/Indala Prox - B
 Mifare - M
 PIV-II - P

INTERFACE ¹

Rs232 - S
 TCP / IP - C
 Wiegand/aba/f2f(5V)/wand - G
 F2F (12V) - F

RELAY ⁴

No Relay - 0
 Relay - R

SENSE INPUTS ²

No Sense Inputs - 0
 Sense Inputs - S

DISPLAY

No Display - 0
 Display - D

X

POE - P
 Small Enclosure - S
 Read Csn Only - C ⁵

¹ For Hid 5352 emulation order RS232

² For Armed Loop use, order Sense Inputs

Sense inputs available only with RS232 or TCP interfaces

³ HID Application Area PACS data from Iclass, Iclass SE, Iclass SR, Iclass SEOS. Reads the Physical Access Data number from the card.

⁴ Relay available only with RS232 or TCP interfaces

⁵ For Iclass or Mifare sector reading contact IBC

Examples

Examples of ordering codes for Qscan.

Hid 5352 with Arming Loop

QSCAN-0S0S0

Qscan with:

No RF - 0
 RS232 Interface - S
 No Relay - 0
 Sense Inputs - S
 No Display - 0

TCP / IP w/Iclass

QSCAN-IC000

Qscan with:

Iclass - I
 TCP Interface - C
 No Relay - 0
 No Sense Inputs - 0
 No Display - 0

Wiegand

QSCAN-0G000

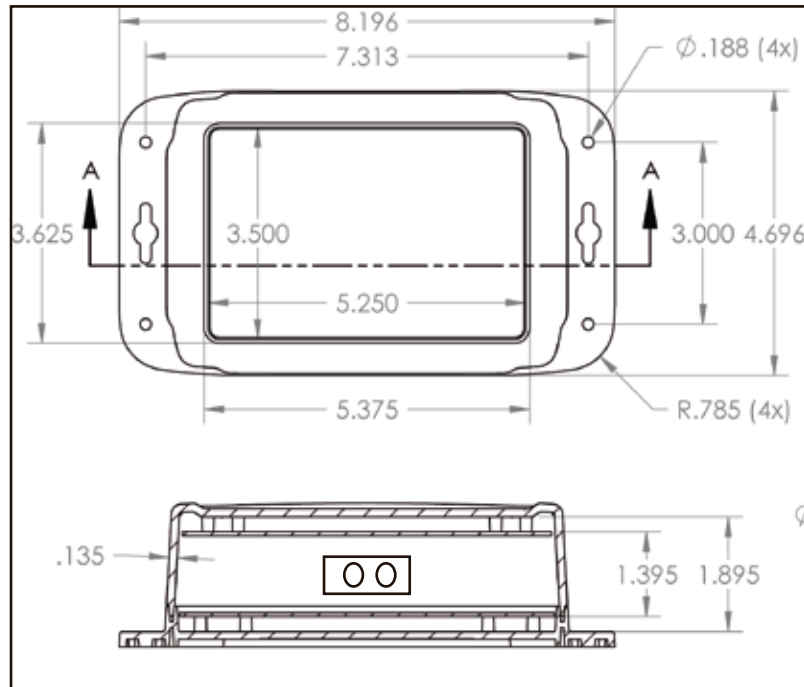
Qscan with:

No Rf - 0
 Wiegand Interface - G
 No Relay - 0
 No Sense Inputs - 0
 No Display - 0

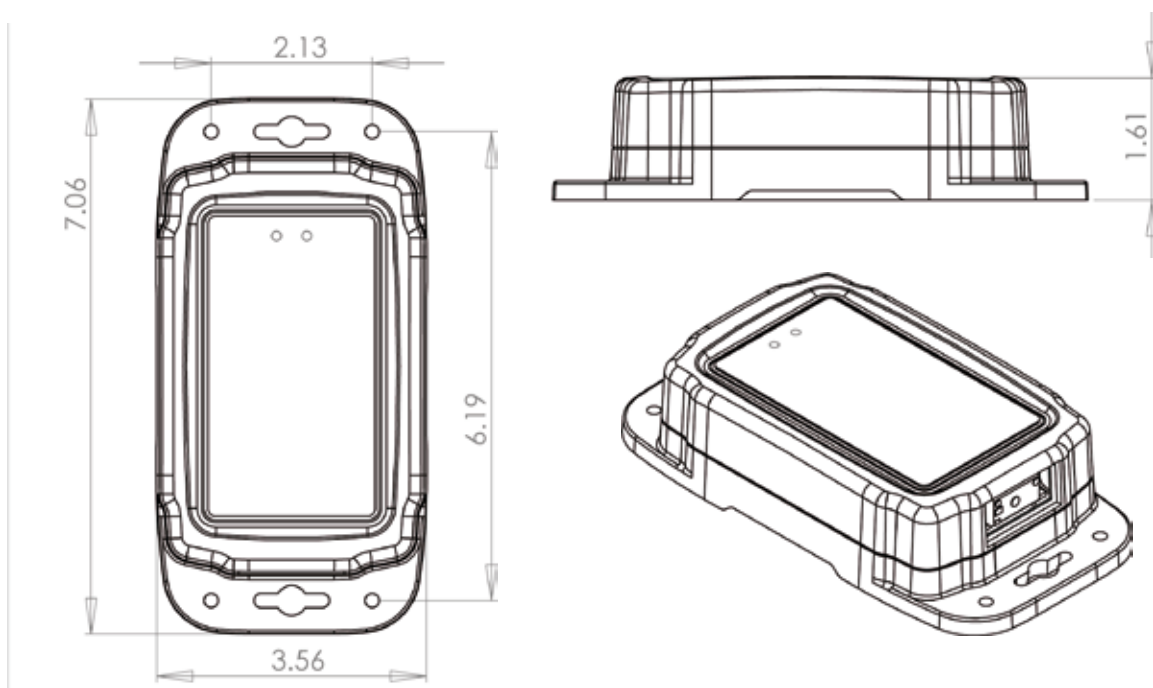


Dimensional Diagrams - Standard Enclosure

Dimensional Measurements for the Qscan reader.



Dimensional Diagrams - Small Enclosure





Notes for Ordering Qscan

POWER

Qscan readers are powered by 12Vdc. You can use your own power source or request an AC adapter from IBC when ordering.

WIRING

Standard wiring for Qscan readers with wie -
gand, aba, wand, or f2f is a 3' cable contain -
ing all data wires and power wires.

Standard wiring for RS232 readers is a 3' -
cable with a DB9 female connector. The pin -
out is a direct connect to a pc. Connected to
the DB9 connector is a short power pigtail for
applying power or connecting an ac adapter.

Standard wiring for Qscan readers with tcp/ip
is a 3' cable with an rj45 plug.

RF

Qscan can be ordered with embedded prox -
imity to read Ibc, Hid, Awid, Farpointe, Casi,
and EM cards. Qscan can also be ordered

with embedded 13mhz support to read Hid
Iclass. Mifare, or Piv/Twic. Qscan can be
ordered with both 13mhz and prox reading.
This option supports hid,awid,Indala prox and
Hid Iclass cards.

SENSE INPUTS

2 digital inputs may optionally be ordered.The
digital inputs can be used for a door sense or
gate sense, or for an arming loop to enable/
disable reading.

RELAY

The optional relay is a form C relay and has
a separate wire exiting the rear of the reader
containing the isolated relay lines.

DISPLAY

The optional 2 line x 16 character display is
an IBC proprietary FSTN LCD display, and is
able to be read in direct sunlight and at wide
angles.

For custom wiring or firmware contact IBC.



Small Case



Standard Case