

**Surface mounted barcode reader
SMART – (BL) – QA(M)SUR**

The QuiAccess surface mounted barcode reader is the perfect indoor and outdoor reader to read QR codes from smartphone displays, tickets, card or print-at-home tickets.

QuiAccess can read a barcode from almost every surface.

The QuiAccess reads every 1D or 2D barcode including CODE39, Datamatrix, Aztec and QR.

The QuiAccess surface mounted barcode reader fits over a single European Style gang box.



Specifications:

Barcode reading range	1 cm to 1 m, depending on the size off the barcode
Available Interfaces	Wiegand (default 26bit or HID37bit), Paxton version, OSDP, OSDP Axis
Certifications	Scanner unit: FCC Part15 Class B, CE EMC Class B
Power consumption	210ma max, 105ma typical @ 12Vdc. Accepted voltage 12Vdc +10% . -20°C~+60°C
Temperature	
Dimensions	AQSUR: 83x83x35mm, QAMSUR: 52x83x35mm
Mounting	IP55 environmental protection, note: Do not install in places which can be under direct rain
Leds	Red and green.
Appearance	Available in silver or black anodized, vandal proof aluminum design.
Standard wiring	50 cm, 10 wire pigtail

Protocol dip switches:

Change the configuration to your needs, adjust the wire connection to your protocol needs

Protocol			Encryption	Mode		ID	
1	2	3	4	1	2	3	4

0	0	0
1	0	0
0	1	0
1	1	0
0	0	1
1	0	1
0	1	1
1	1	1

0
1

Custom protocol
Paxton
OSDP
Wiegand
Dinec
Serial RS...
For future use
For future use
Encryption off
Encryption on

Encryption can only be used when the encryption code is hardcoded, encryption need to be added when ordered

0	0
1	0
0	1
1	1

When protocol is:	OSDP	Wiegand	Dinec	Serial
RAW - AXIS		26bit	Barcode	RS232
CARD NUMBER		37bit	Mifare	RS485
NEDAP				USB

0	0
1	0
0	1
1	1

When protocol is:	OSDP	Serial	Dinec	Wiegand
ID1	ID1	ID1	ID1	LED STANDARD
ID2	ID2	ID2	ID2	LED WIRE CONTROL
ID3	ID3	ID3	ID3	LED WIRE CONTROL
ID4	ID4	ID4	ID4	LED WIRE CONTROL

Wire connection:

BLUE	Yellow	GREEN /STRIPE	PINK	PURPLE	GREY	BROWN	ORANGE	GREEN	WHITE	RED	BLACK
RS232 RX	RS232 TX	RS485 +	RS485 -	PAXTON DATA	PAXTON CLOCK	LED CONTROL RED	LED CONTROL GREEN	WIEGAND +	WIEGAND -	12VDC +	GND