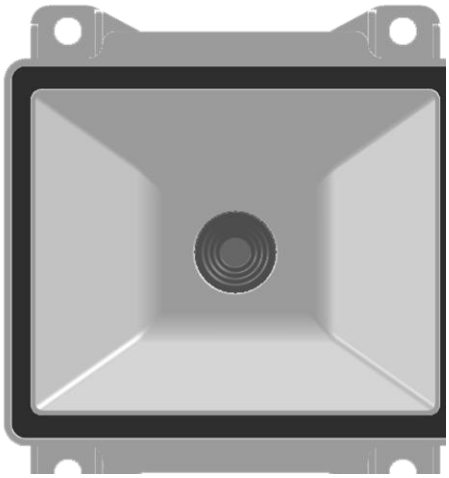
XN-1065HD Specifications



1. Features

- Large window scans the large recognition window of the same grade product;
- Small size, easier to embed in the kiosk or vending machine;
- Quickly read the highest/low brightness screen barcode;
- More sensitive, 1 million resolution, extreme speed self-sensing;
- High/low temperature resistance, minus -20° to 55°
- Support dynamic decoding.

2. Application

Widely used in gates, access control, public transportation systems, self-service payment terminals, ticket vending machines, etc.

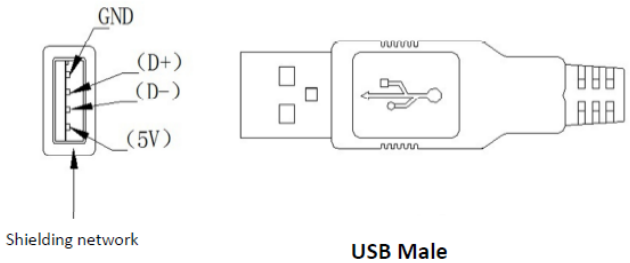
3. Parameter

Dimension	H*W*D:65*61*28.3mm
Weight	50g
Cable	Straight 1.0m
Connector	No
Indicator	Beeper
Interface	RS-232, USB keyboard, USB virtual COM, TTL
Operation mode	Auto-detection, command, button
Programming method	Manual(reading special barcode)
Firmware upgrade	Not support online
Input voltage	5V DC
Current	40mA(standby), 260mA(scanning)
Scan pattern	Area image
Image size	1280*800pixels
Field of view	Horizontal: 40.9°, Vertical: 31.3°
Scan angle	±70°, ±70°, 360°(skew, pitch, roll)
Minimum resolution	1D(code 39): 5 mil; 2D(PDF417): 6.7 mil
Print contrast	20% minimum reflectance difference
Decoding capability	1D:UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN(Bookland EAN), Code39, Code39 full ASCⅡ, Code32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar(NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11(USD-8), MSI/Plessey, UK/Plessey, China Post, China finance, GS1 DataBar(formerly RSS) variants.
	2D: PDF417, MircoPDF417, QR Code, Data Matrix, Han xin Code, Aztec Code
Temperature	-20° to 55℃(-4° to 131°F, operating; -20° to 75℃(-4° to 167°F, storage
Humidity	5% to 95%(non-condensing)
Safety	CE, ROSH certificate

4. Interface definition

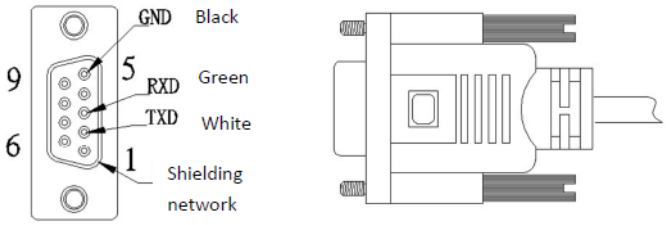
USB and RS232 interface definition

1. USB interface diagram



USB Male

2. RS232 interface diagram

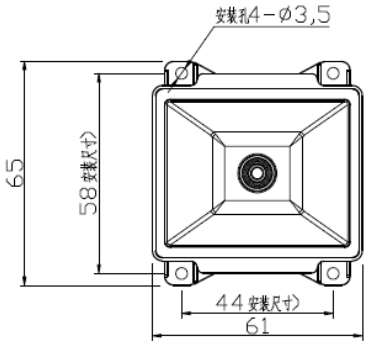


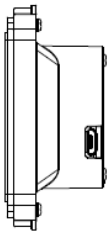
DB9 Female

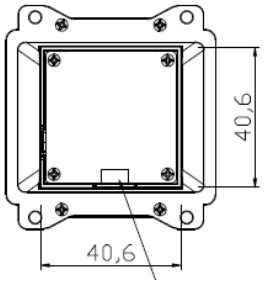
Interface pin definition

Definition	PIN	Function	Color	Remarks
USB PIN definition	1	V Bus	Red	Power +5V
	2	Data -	White	Data -
	3	Data +	Green	Data +
	4	GND	Black	Ground
RS232 PIN definition	2	RXD	Green	Received data
	3	TXD	White	Send data
	5	GND	Black	Ground
	RS232 interface power +5V is provided by circular power port or USB			

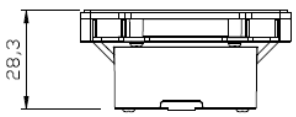
5. 3D drawing photo

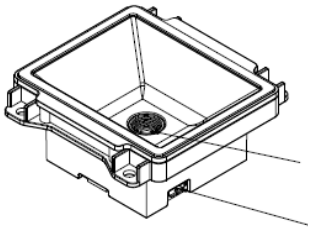






FPC cable interface





Camera

Micro USB interface