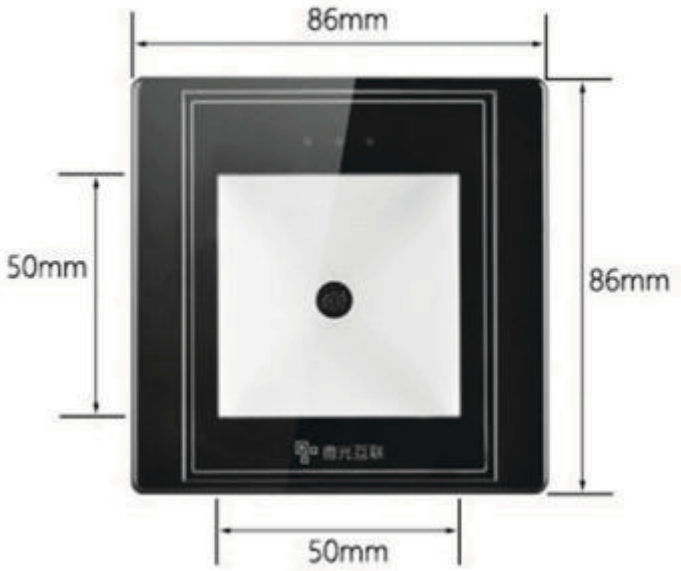
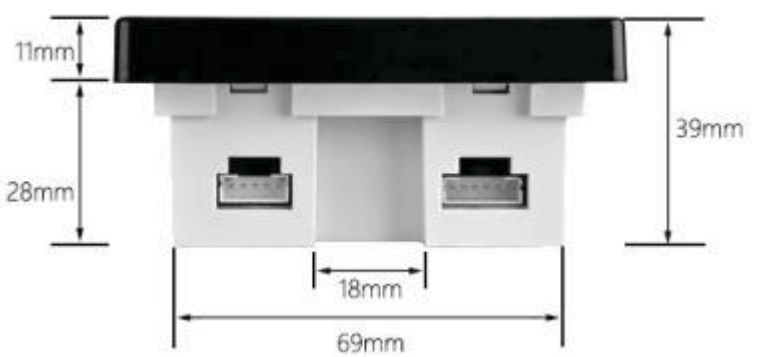
E QR R4

DATASHEET



2.2.1 Front view



2.2.2 Side view

3. Product parameters

3.1. General parameter

General parameter	
Output interface	Ethernet,relay
Indicating method	White,red, green light indicator Beep
Imaging sensor	300,000 pixel CMOS sensor
Max resolution	640*480
OS	Windows（xp.7.8.10）
Installation method	Embedded installation
Product size	86mm*86mm*39mm
Recognition window size	50mm*50mm
Product material	Imported PC & tempered glass

3.2. Recognition parameter

QR code recognition parameter	
Symbologies	QR Code, EAN-8, EAN-13, ISBN-10, ISBN-13, CODE39, CODE93, CODE128, UPC, ITF, Code Bar, etc
Supported decoding	Mobile phone screen/ printed barcodes
DOF	0mm-100mm
Reading accuracy	⩾7mil
Reading speed	30ms per time(average),support reading continuously
Reading direction	360 degree
FOV	Horizontal Field: 70degree, Vertical field: 50degree

3.3. Electric parameter

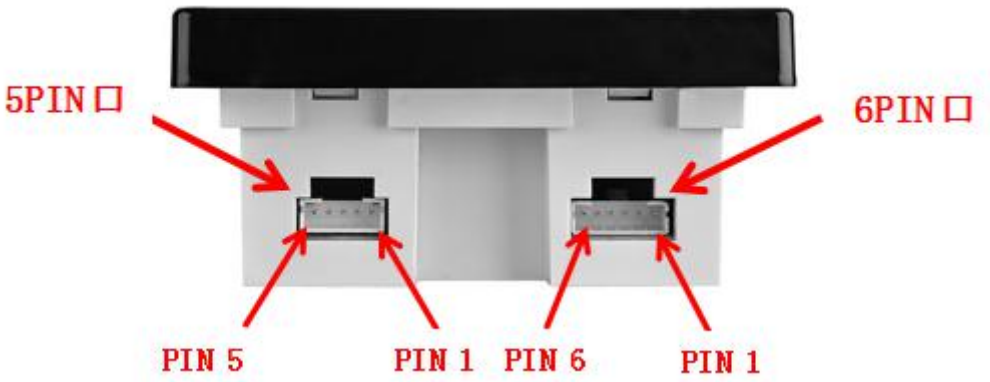
Electric parameter	
Working voltage	DC 9-15V
Working current	80mA(12V typical value)
Power consumption	960mW(12V typical value)
Relay	DC30V/1A

3.4. Work environment

Work environment parameter	
ESD protection	Contact discharge 4KV（interface part）
Working temperature	-20° C-70° C
Storage temperature	-40° C-80° C
Relative humidity	5%-95%（No condensation）（environment temperature 30℃）
Ambient light	0-80000Lux(Non direct sunlight)

4. Interface definition

MET has two interfaces, 5pin interface and 6pin interface



MET interface definition indicator diagram

MET 5pin output interface definition:

Pin color	Red(5)	white(4)	Blue(3)	Black(2)	Black(1)
Definition	VCC	DATA-	DATA+	GND	NC

MX86 6pin output interface definition:

MET 6pin wiring color	Blue(6)	Brown(5)	Red(4)	Black(3)	Yellow(2)	Purple(1)
Definition	TX-	TX+	RX-	RX+	COM	NO

MX86 6pin output interface and network cable connection instruction:

MET 6pin wiring color	Blue	Brown	Red	Black
Network cable color	Orange	Orange white	Green	Green white

Note: The MET Ethernet model directly leads four network cable pins, and can be connected to four of the standard eight-core network cables according to the color. The network cable uses the 568B type connection method. Refer to the table above and connect the cables according to color.