

Embedded module EM95



High-Resolution Imaging

Equipped with a 1280*800 CMOS sensor and Red LED illumination, it ensures precise scanning of complex 1D and 2D barcodes.



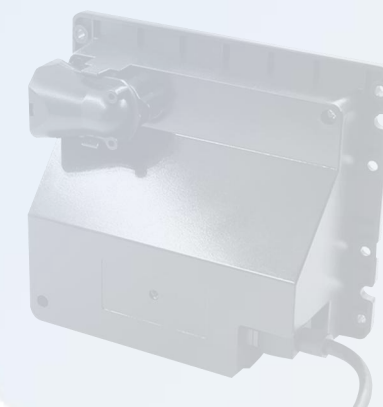
Robust Embedded Design

Designed for self-service kiosks and unattended terminals, it features a compact form factor with an IP52 rating for dust and water resistance.



Flexible Connectivity

It supports both USB and RS232 interfaces, providing versatile integration options for various payment and gate systems.



Supermarket



Payment



Self-order



Mall



Unattended



Parking

Category / Item	Specification Details
PERFORMANCE	
Image Sensor	CMOS
Resolution	1280*800
Illumination	Red LED
Symbologies	2D: PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec(PDF417),(QR Code),(Aztec),(Micro QR),(Data Matrix),(Hanxi code) 1D: Codabar, Code 11, Code 39, Code 32, Industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, Code 93, Code 128, GS1 128,MS/plessey, UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, GS1 DataBar(RSS14),GS1 DataBar Limited, GS1 DataBar Expanded
Min. decoding resolution	5 Mil
Min Print Contrast	≥20%
Typical Decode Range	EAN-13(13mil): 0mm~200mm (barcode size: 31mm*15mm) Code39(5mil): 0mm~100mm (barcode size: 10mm*6mm)
FOV	Horizontal 60° Vertical 40°
ELECTRONIC	
Weight	220g (not include cable)
Interface	USB ,RS232
Dimensions	115.2(W)x96.2(D)x50.6(H)
Voltage	5VDC+5%
Current@5 VDC	Operating: 250mA (RMS Typical), 320mA (RMS Max) Standby :150mA
Power	1.25W (Typical)
ENVIRONMENTAL	
Temperature (Op/Storage)	Operating: 0°C~+60°C Storage: -40°C~+70°C
Storage Humidity / Operating Humidity	5-95% Non-condensing
IP Rating	IP54



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