

Embedded module EM48



Compact Integration

Designed as an embedded module (61.1×64.8×26 mm), it easily fits into kiosks, turnstiles, and vending machines.



Versatile Interface Support

It offers flexible connectivity options including TTL-232, USB, and optional RS232 to suit various system requirements.



Wide Field of View

With a wide FOV (Diagonal 87.1°, Horizontal 74°), it ensures quick and easy scanning of barcodes from different angles.



Supermarket



Payment



Self-order



Mall



Unattended



Parking

EM48 TECHNICAL SPEC



Category / Item	Specification Details
PERFORMANCE	
Image Sensor	CMOS
Resolution	640*800
Light Sorce	White LED
Decode	(Codabar),(Code 39),(Code 32),(Interleaved 2 of 5),(Industrial 2 of 5),(Matrix 2 of5),(Standard 2 of 5),(Code 93),(Code 11),(Code 128),(UPC-A),(UPC-E),(EAN/JAN-8),(EAN/JAN-13),(GS1 DataBar(RSS14)(PDF417),(QR Code),(Aztec),(Micro QR),(Data Matrix),(Hanxi code)
Raw/Pitch/Yaw	Skew±70°, Pitch+70°, Roll 360°
FOV	Diagonal 87.1°, Horizontal 74°, Vertical 63°
Min Print Contrast	≥20%
Decode range	EAN-13(13mil): 6mm(Min),90mm(Max) ; PDF417(6mil): 6mm ; Code39(5mil): 20mm(Min, 91mm(Max) ; Data Matrix(10mil): 6mm ; QR Code (15mil): 6mm(Min),92mm(Max)
ELECTRONIC	
Cable	USB, RS232(Optional)
Interface	TTL-232, USB, RS232 optional
Dimensions	61.1(W)×64.8(D)×26(H) mm
Power	1050mW(Typical)
Voltage	5VDC+5%
Working Current	Operating : 210A(RMS Typical), 250mA(RMS Max) Standby :150mA
Illumination	0~100,000LUX
ENVIRONMENTAL	
Temperature (Op/Storage)	Operating: -10°C~+60°C Storage: -40°C~+70°C
Storage Humidity / Operating Humidity	5-95% Non-condensing



Dokivision

block B,no.88,ximei Rd,wuxi City,JiangSu Provice.china



Email Support

info@dokivision.com



Direct Contact

+86 021 25460014