

2D MODULE SPECIFICATIONS TDM-1027

Watch Dog Build in Version

Physical

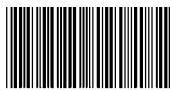
Length:80mm
Width:46mm
Depth: 29mm
Weigh: 48g
CPU:ARM CIRRUS LOGIC 7312

Optical Parameter

Pitch: $\pm 15^\circ$
Skew: $\pm 15^\circ$
Ratation: PDF417 $\pm 40^\circ$,Others $\pm 360^\circ$.
Ambient Light: 10~10000Lux

Depth of Field

Bar code	Near	Far
1D Bar Code		
0.25mm	40mm	100mm
0.33mm	50mm	110mm
PDF417		
0.25mm	30mm	100mm
0.45mm	70mm	140mm
DataMatrix		
0.25mm	50mm	70mm
0.45mm	30mm	110mm
QR Code		
0.25mm	50mm	75mm
0.45mm	30mm	110mm



123456

Code 39



123456789056

Code128



0123456789023456

ITF2/5



9 601234567898

UCC/EAN/JAN

Scanning Area

Bar Code on paper:

Near(20mm): 40mm*31mm
Far(50mm): 59mm*48mm

Bar Code on Cell Phone

Focus Point: 25mm
With Backlight on: 43mm*34mm
With Backlight off: 35 mm*30mm

Symbologies

2D: PDF417, QR Code, DataMatrix(ECC200)
1D: UPC/EAN/JAN, Code 39, Code128, Codabar, ITF2/5.

Interface

Serial: RS232(Dsub 9p)
Format: Full ASCII or BitMap(image)
Baud Rate: 1200~115200kbps.
Power Requirement: DC 5V $\pm 5\%$
Average Power Consumption : 120mA @5v
Peak Power Consumption: 280mA(MAX)@5v

Environment:

Operation Temperature: -5' to 40' Celsius
Storage Temperature: -10 to 60 Celsius
Humidity: 0-80%RH
Vibration: 5-60Hz at maximum 4G
Shock Resistance: 1m to concrete floor



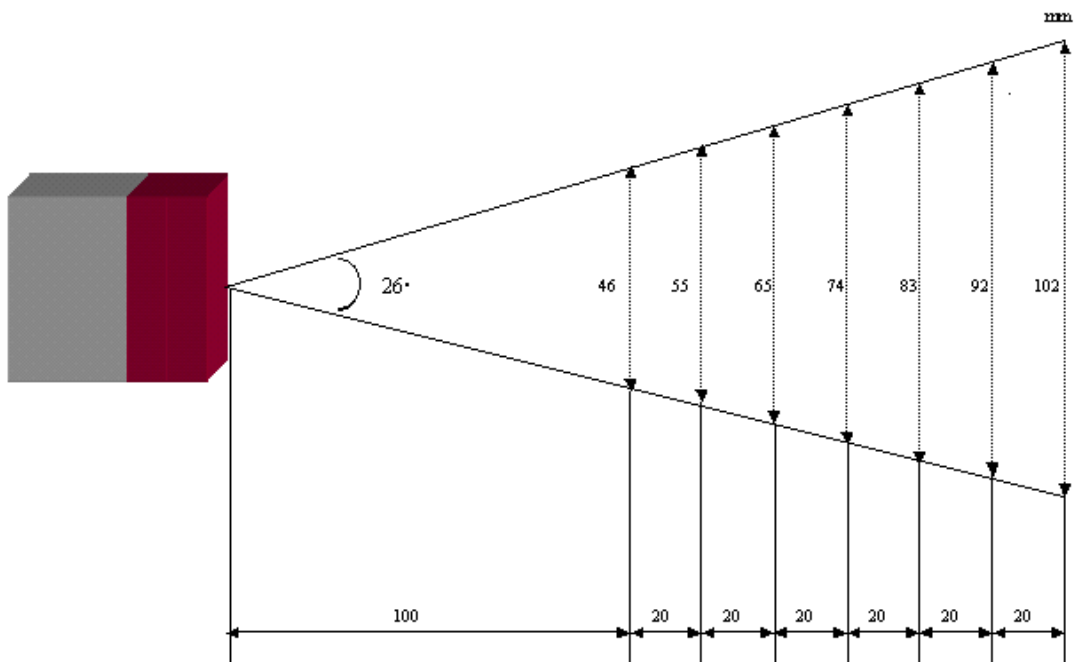
PDF417



QR Code



Datamatrix



Dimension:

