



Image 2D Scanner

iCon IC-1820

Performance Parameters

SENSOR Resolution: 640*480
Scanning Speed : 190 Times/ Second
Symbol Contrast : 35% minimum reflection difference
Decode Accuracy : 5mil
Optical Technology Level:V-VI
Code Available: 1D, 2D Codes printing on Paper or film on Cellphone
Scanning Angle : Horizontal : 72° Vertical: 82°
Capacity : (1D)EAN-8,EAN-13,EAN-13 2 add-on, EAN-13 5 add-on,ISSN,ISBN, UPC-A,UPC-E,
Code 39,Code 39 Full ASCII,code93,Code 128,EAN128, Codabar, Interleave 2 of 5,etc.
(2D)PDF417, MICROPDF417, Datamatrix, QR, Maxicode, Aztec,etc
System Compatibility : Linux, MacOS, Android, Windows XP, Windows VISTA,
Windows 7, Windows 8, Windows 10, Windows Server 2003,
Windows Server 2008, Windows Server 2010
Depth of Field: code39 5mil(2CM-8CM) code39 8mil(3CM-15CM)
EAN13 13mil(6CM-29CM) DM 15mil(2CM-14CM)
QR 15mil(2CM-13CM) PDF417 15mil(6CM-18CM)
Light Source:Wavelength: 675nm±3nm Infrared LED
OCR Character Decode:Could be customized

Environment Parameters

Drop:Design to withstand 1.8M drops to concrete
Environmental Sealing:IP54
Working/Conserve Temperature:-20-55℃/-40-60℃
Working/Conserve Humidity:10-95% Non-condensation
Environment Light Levels:120000 LUX

Physical Parameters

Net Weight:120g
Gross Weight:325g
Host Size (L*W*H):167mm* 77mm*95mm
Material:PC+ABS
Packing Size (L*W*H):185*110*80mm
Length of Cable:2 Meters (±0.1)
Interface:USB(Drive Free)
Prompting:Red light indicates current; Blue light indicates successful decode.

Electrical Parameters

Voltage:+5VDC±0.25V
Maximum Current:293MA
Working Current:168MA
Stand by Current:80MA
EMC:CE & FCC DOC compliance

