

GY-70U USB Industrial 2D Barcode Scanner



PRODUCT OVERVIEW

Model	GY-70U
Product Type	Barcode Scanner

Scanning Performance

Decode Capabilities	1D/2D/DPM
Scan Engine	CMOS
Sensor Resolution	1288 × 1088
Illumination	RedLaserLED directlight
Aiming System	RedLaserLED diffuselight polarizedlight
Acquisition Rate	60fps
Minimum Element Resolution	1D:≥3 mil 2D:≥4 mil
Field of View	35.5 ° × 30.2 °
Angular Tolerance	35.5 ° × 30.2 °
Depth of Field	Code39(5 mi l):75 mm~250 mm Code128(3 mil):80 mm~150 mm Code128(10 mi l):65 mm~420 mm QR Code(10mi l):75 mm~230 mm QR Code(20 mil):65 mm~480 mm
Supported Symbologies	1D: Code 39, Code93, Code128, EAN-8, EAN- 13, Interleaved 2 of 5, UPC, Pharmacode, Codabar 2D: QR code, DataMatrix, MaxiCode, Aztec, Micro QR, PDF417 DPM: PCBPCB cutout, lightmetal laser marking, dot-peened cast surface, marked oily surface, resin laser marking, cylindrical laser marking...
Trigger Modes	Manual trigger, Continuous mode, Presentation mode, Host-command trigger

Connectivity & Wireless

Connectivity	Wired USB HID (USB COM)
Host Interfaces	USB Standard USB interface (customphysicalserial port)

Power

Operating Voltage	5V±5% (Whitelight) Peak: 275 mAh, Typical: 251 mA (Bluelight) Peak: 263 mAh, Typical: 236 mA (Redlight) Peak: 232 mAh, Typical: 212 mA Peak: 132 mAh, Typical: 128 mAh
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Physical Specifications	
Dimensions	1/4" 198 × 74 × 105
Weight	364 g
Enclosure Material	Elastomer: TPU Rigid housing: ABS
Color Options	Black, Blue
Cable Length	Cable length: 2 m, cable gauge: 5 mm, with ferrite core+shielded (detachable)
Stand Included	No
User Feedback	Buzzer, Vibration

Environmental & Compliance	
IP Rating	IP67
Drop Resistance	Withstands a 3 m drop to concrete
Operating Temperature	-20°C~+60°C
Certifications	CE, RoHS, FCC