GS-100

1D CCD Handheld Barcode Scanner

Flexible configuration
Customized configuration with best performance

Diversity of interface
Support RS232,USB keyboard interface

Best value price
32bit CPU performance with only 8 bits CPU price

Ultra comfort design
Perfect human engineering design, ultra comfort with lifetime use

High performance CPU
Excellent performance in decoding and error correcting capacity

Diversified customized features
Great match for customer applications, greatly improve work efficiency

Complement checking code for barcode data and command
More secure for data and command transfer

Creative user defined barcode technology
User defined barcode binding with unique ID barcode scanner

Achieving one –to-many communications one PC/PLC host to many barcode scanners)
Good for applications as multiple barcode scanners linked to the same network

Applications and Solutions

Clothing , Retail Chain, Warehouse, E-business, Finance & Insurance, Commercial Retail, Logistics Express, File Management

Basic Produce Specifications

Communications
Interface : • RS232 • USB(Ver. 1.1 HID Keyboard)

Power
Power Consumption : 0.6W
Voltage : DC 5V
Operate current : Max 120mA
Standby: 40mA

Barcode scanner optic
Image Sensor : CCD
Light source : 632 nm red LED
Light Intensity: 265 LUX (130 mm)
Scan method : bi-directional scanning
Decode Rate : up to 300 scans/sec
Reading pitch angle : (pitch)-65 to 0°, 0 to +65°
                    (skew)-30 to 0°, 0 to +30°
                    (tilt)-60 to 0°, 0 to +60°
Mini Resolution: 0.101mm/4mil@PCS=90%,Code 39
Precision : ≥5 mil
Depth of Scan field : 40mm-430mm
Print Contrast Signal : ≥30%

Physical
Dimension : 165 x 67 x 90mm (D x W x H)
Weight : 178g (include cable)

Environment
Temperature : -20° to 60°C (Operation)
              -40° to 85°C(storage)
Humidity : 5 - 95% (non-condensing)
Ambient Light Immunity :
               Fluorescent light 4000 lx max
               Direct sun light 80,000 lx max ,
               White light 4000 lx max
Drop test : 1.8m dropped onto concrete surface
Service life : 30,000 hours,
              LED components is 50,000 hours

Regulatory and Safety
Product Compliance : CE, KC

Decode capability
Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN/ISSN, Code 93, UCC/EAN-128, GS1 Databar etc.

Depth of field
Code 39
  55 - 315 mm (10 mil), 40 - 430 mm (15 mil)
EAN-13
  65 - 250 mm (10 mil), 95 - 310 mm (15 mil)
Code 128
  60 - 280 mm (10 mil) , 40 - 430 mm (15 mil)