



# Barcode Hand-Held Scanner

Part Number: UF-LAG-960TR-USB-B

## ▶ FEATURES

- High quality and high performance
- Full featured and full functions
- Wave length: 670nm
- Scan speed: 100 or 33 scans per second
- Reading depth: 0 to over 2 meter, depend on different series
- Reading width: Up to 65mm for contact reading. Up to 250mm for reading depth of 380mm
- Reading PCS: 0.45 or larger reflection factor of space and margin
- Interfaces support: Keyboard wedge, RS-232, Wand emulation, TTL, USB, etc.
- Full functions of built-in decoder, software configuration, support reading most types of barcode.

## ▶ Optical - Resolution & Reading Depth

Series	Max. Resolution	Max. Depth for 40mil
960LR	6 mil (0.15mm)	230 cm
960MR	4 mil (0.1mm)	100 cm
960NR	5 mil (0.125mm)	38 cm
960TR	4 mil (0.1mm)	25 cm

Nominal scan rate	100 or 33 scans/sec
Wavelength	670nm+/-10nm
Maximum pitch	+/-65 degrees
Maximum skew	+/-50 degrees

## ▶ Engineering Design

Power source	+5VDC, +/-5%
Processor Intel 80C31	
Decoder	Proprietary
Body Material	ABS
Current Consumption	55mA~90mA(max.) for undecoded
Weight	140g (without cable)
Shock Resistance	1 meter drop onto concrete

## ▶ Operating Environment

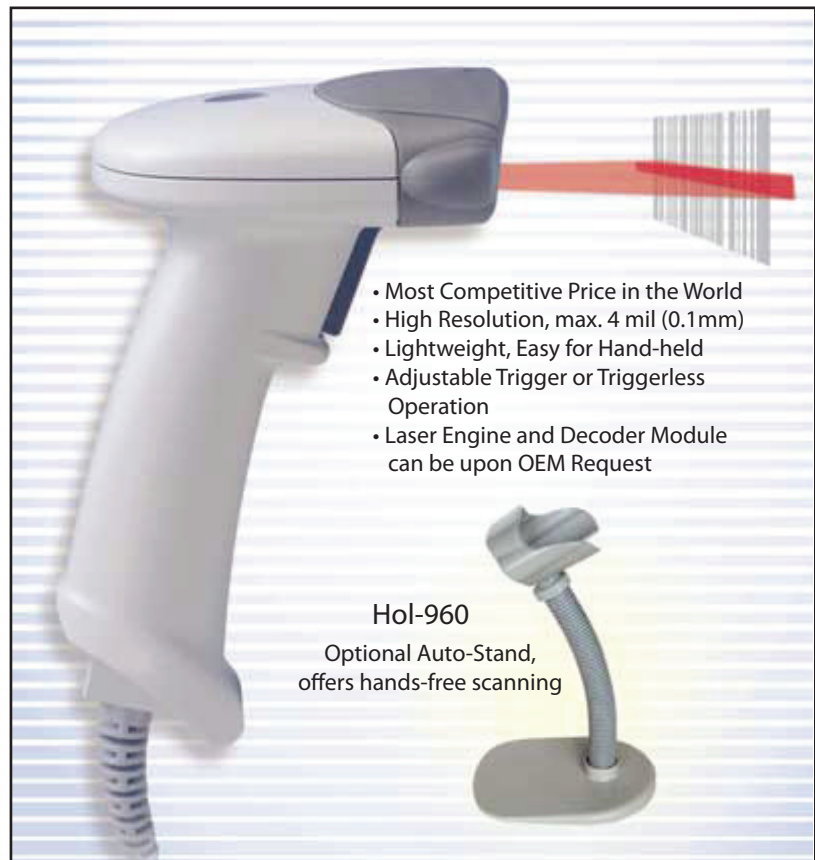
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 65°C
Relative Humidity	5% to 95% noncondensing
EMI Emission	FCC class A
Ambient Light	3,000 to 8,000 lux
Connectivity	DB9, DB25, AMP, RJ-45, RJ-11, DIN 5

## ▶ Series

960LR	Long Range	230cm
960MR	Middle Range	100cm
960NR	Normal Range	38cm
960TR	User Adjustable Trigger & Triggerless Range	25cm

## ▶ Models - By Interfaces

960-T	Undecoded model with TTL Output
960-W	Wand-Emulation with built-in decoder
960-R	RS-232 interface with built-in decoder
960-K	Keyboard wedge with built-in decoder
960-K/R/W	Keyboard/RS-232/Wand, Three-in-one
960-U	USB interface



- Most Competitive Price in the World
- High Resolution, max. 4 mil (0.1mm)
- Lightweight, Easy for Hand-held
- Adjustable Trigger or Triggerless Operation
- Laser Engine and Decoder Module can be upon OEM Request

Hol-960

Optional Auto-Stand,  
offers hands-free scanning

## ▶ Readable Barcodes

Code 39, Full ASCII Code 39, UPC/EAN/JAN, CODABAR, Code 11 Interleaved 2/5, Code 128, Code 93, MSI/PLESSEY, Code 4, etc.



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