MK-3580 Quantum-T, USB (Honeywell)

Omnidirectional laser barcode scanner, multiinterface

The main highlights of the Quantum-T:



- an automatic activation of laser beam with the IR sensor (Honeywell's patent);
- a touch sensor for activation from standby mode;
- OPOS and JPOS standards compatible;
- operates in frost down to -20°C;
- can be switched into a single-line scanning mode anytime;
- multininterface, change between a keyboard-wedge / a RS232 / a IBM / a USB automatic is done easily by simply changing the cable and setting the unit;
- a lower price and an almost two times longer depth of scanning field than Metrologic Orbit (which is used for the same target applications);

Take a tour and investigate the product from all angles

Th
e
de
nd; 80 scan lines per second for single-line mode Scan Pattern 5 fields of 4 parallel lines (omni-directional) Number of Scan Lines 20 Minimum Bar Width 0.127 mm (5.0 mil) Decode Capability Auto discriminates all standard 1D bar code symbologies; for other symbologies call Metrologic System Interfaces RS232, Light Pen, Keyboard Wedge, Stand Alone Keyboard, IBM, USB Print Contrast 35% minimum reflectance difference Roll, Pitch, Yaw 360°, 60°, 60° Beeper Operation 7 tones or no beep Number Characters Read Up to 80 data characters Indicators(LED) White = Good read ; Blue = Laser on, ready to scan Physical Features and Electricity Dimensions 66 mm (2.60") x 67 mm (2.65") x 108 mm (4.25") (L x W x H) Weight 170 g (5.9 oz) Termination 10 pin modular, RJ45 connector Cable Standard 2.1 m (7\') straight; optional 2.7 m (9\') coiled; for other cables call Metrologic Mounting Holes five - M2.5 x 0.45 Input Voltage 5 VDC ± 0.25 V Power 1.825 W Operating Current 220 mA typical @ 5 VDC DC Transformers Class 2; 5.2 VDC @ 650mA Laser Class Class 1; IEC60825-1: 1993/A1: 1997 + A2:2001 Class 1; IEC60825-1: 1994/A11: 1996 + A2:2001 EMC FCC, ICES-003 & EN 55022 Class A Environment Operating Temperature -20°C to 40°C (-4°F to 104°F) Storage Temperature -40°C to 60°C (-40°F to 140°F) Humidity 5% to 95% relative humidity, non-condensing Light Levels Up to 4842 Lux (450 footcandles) Contaminants Sealed to resist airborne particulate contaminants Ventilation None required


USB
USB-HID
USB-VCP
LASER
READER
1D CODE

Technical Description

Functionality & Operation	
1D Barcode Symbologies	Codabar, Code 128, Code 39, Code 93, EAN 13/UPCA, French Pharma Code, Industrial 2 of 5, Interleaved 2 of 5, MSI
Communication interface	USB, RS232, keyboard, IBM 46xx (RS485), OCIA, Laser Emulation, Light Pen Wand Emulation
Configuration	by programming barcodes
Language support	French, German, Italian, Norwegian, Portuguese, Spanish, Swedish, US and UK English, Belgian
Optical	
Light source	visible laser diode VLD 650 nm
Minimum symbol contrast	35%
Maximal skew angle	60°
Scanning rate	1650 scan lines per second; Single line: 80 scan lines per second
Scannig pattern	5 directions
Depth of scan field	19-273 mm (13 mil barcode)
Electrical	
Power Source	5 VDC ± 0.25V
Power Consumption - Standby	1.2W
Power Consumption - Operation	1.4W
Mechanical	
Dimensions	Width: 108mm, Height: 66mm Length: 67mm
Weight	170g
Environment	
Operating temperature	-20 to 40°C
Storage temperature	-40 to 60°C
Storage humidity (non-condensing)	5 to 95%
Shock resistance	multiply drops from 1,5 m onto concrete surface
Maximal ambient light	4842lux
Others	
Certifications	BSMI, C-Tick, CE, FCC Class A, IC, MIC

CODEWARE, s.r.o.
Jaromírova 484/37
120 00 Praha 2 - Nusle
IČ: 61061395, DIČ: CZ61061395

+420 222 562 444
codeware@codeware.cz
https://www.codeware.cz/

