BC460

2D Omnidirectional Desktop Barcode Scanner

2D IMAGER · 60 FPS · 360° ROLL · USB



AT A GLANCE

640 ×480
CMOS imager

60 fps
Decoding speed

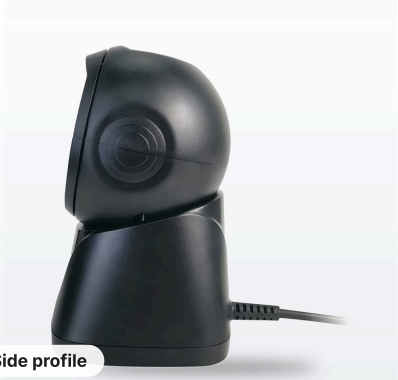
360°
Roll

500 g
Weight

- **Hands-free**
  Present the item – there is no trigger to press.
- **1D and 2D codes**
  QR Code, PDF417 and Data Matrix included.
- **360° roll**
  Pitch and skew ±50° – codes read at any angle.
- **60 fps decoding**
  Keeps queues moving at busy counters.
- **22° tilting head**
  Angle the window to suit the counter.
- **USB keyboard or COM**
  Plug and play, or a virtual COM port.
- **LED and beeper**
  Confirms every successful read.
- **Weighted base**
  Steady on the counter, with a fixed cable.



Rear and cable



Side profile

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BLACK COPPER
Upgrades network

THIS MODEL

BC460
USB · hands-free

640 × 480
CMOS imager

60 fps
Decoding speed

500 g
Weight

USE WITH

POS terminals
Keyboard input – works with any POS software

Receipt printers
BlackCopper 80 mm thermal printers

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Specifications

BC460 · 2D desktop scanner

GENERAL

Brand	BlackCopper
Model	BC460
Scanner type	2D area imager, hands-free presentation
Interface	USB HID keyboard or USB virtual COM port
Cable	Fixed USB cable, not detachable
Head adjustment	Tilts through 22°
Feedback	LED indicator and beeper
Colour	Black
In the box	Scanner, quick start guide

SCAN PERFORMANCE

Image sensor	640 × 480 CMOS
Light source	Red LED
Decoding speed	60 fps
Scan angle	Pitch ±50° Skew ±50° Roll 360°
Field of view	63° (H) × 49° (V)
Min. resolution	4 mil
Min. print contrast	≥ 25% (UPC/EAN-13, 13 mil)
Data editing	Custom prefix, suffix and output formats
Keyboard layouts	Multiple country layouts

SYMBOLOGIES

1D	EAN-13, EAN-8, UPC-A, UPC-E0, UPC-E1, Code 128, Code 39, Code 93, Code 11, Codabar, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Standard 2 of 5, MSI Plessey, Plessey, GS1 DataBar (RSS-14, Limited, Expanded), GS1 Composite
2D	QR Code, PDF417, Data Matrix

DEPTH OF FIELD

EAN-13, 13.34 mil	50–100 mm
PDF417, 13.34 mil	50–90 mm
Code 128, 5 mil	40–80 mm
QR Code, 20 mil	50–80 mm

ELECTRICAL

Input voltage	5 V DC ±5%
Operating current	150 mA
Power source	USB bus powered

PHYSICAL & ENVIRONMENT

Dimensions	94 × 100 × 152 mm (L × W × H)
Weight	500 g
Operating	0–50 °C 5–95% humidity, non-condensing
Storage	−40–60 °C

IN THE BOX

1. BC460 scanner
2. Quick start guide

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