BC560

2D Hands-Free Desktop Barcode Scanner

AT A GLANCE

640 ×480
CMOS imager

230 mm
Max. reading distance

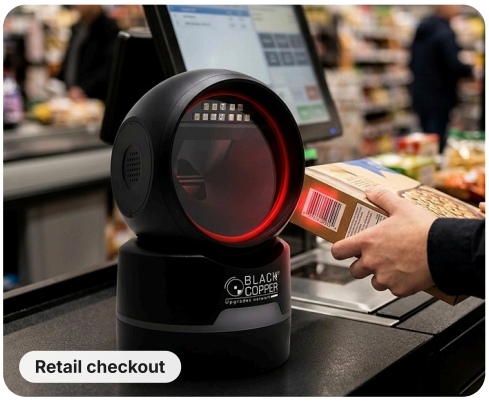
360°
Roll

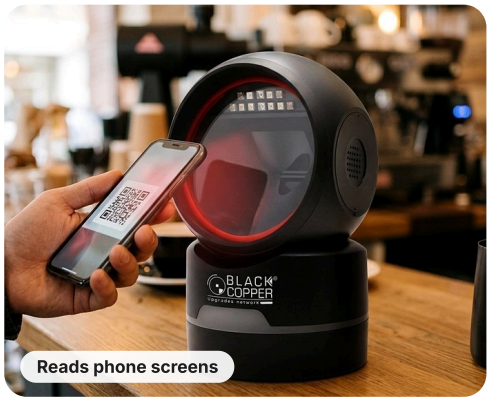
260 g
Weight

2D IMAGER · IR AUTO-SENSE · USB · 360° ROLL



- **Hands-free auto-sense**
  Infrared sensor wakes it as items approach.
- **Reads 1D, 2D and screens**
  Mobile coupons, payment and loyalty QR codes.
- **360° roll**
  Skew and pitch ±60° – no aiming needed.
- **Comfortable LED light**
  Low glare for cashiers and customers.
- **Any lighting**
  Works from dark rooms to 100,000 lux.
- **Plug and play USB**
  Keyboard input with any POS software.
- **Tilting head**
  Angle the window to suit every counter.
- **Tough build**
  Survives multiple 1.2 m drops.


Retail checkout


Reads phone screens

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blackcopper.net
sales@blackcopper.net
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BLACK COPPER
Upgrades network

THIS MODEL

BC560
USB · hands-free

640 × 480
CMOS imager

IR
Auto-sense trigger

260 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

BC560 · 2D desktop scanner

GENERAL

Brand	BlackCopper
Model	BC560
Scanner type	2D area imager, hands-free presentation
Interface	USB
Trigger	Infrared auto-sense (presentation mode)
Colour	Black
In the box	Scanner, USB cable

SCAN PERFORMANCE

Image sensor	640 × 480 CMOS
Light source	Red LED + infrared LED
Scan angle	Skew ±60° Pitch ±60° Roll 360°
Field of view	D 56°, H 42°, V 33°
Resolution	≥ 3.9 mil
Min. print contrast	≥ 20%
Reads from screens	Yes

SYMBOLOGIES

1D	Codabar, Code 11, Code 128, Code 39, Code 93, EAN-8, EAN-13, GS1 DataBar, UPC-A, UPC-E, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Straight 2 of 5 IATA, MSI Plessey
2D	QR Code, Micro QR, PDF417, Micro PDF417, Data Matrix (DPM), Aztec, Han Xin, MaxiCode, Codablock F, DotCode, Grid Matrix

DEPTH OF FIELD

Code 39, 5 mil	0–60 mm
EAN-13, 13 mil	0–230 mm
QR Code, 15 mil	0–160 mm

ELECTRICAL

Input voltage	5 V DC ±5%
Operating current	270 mA typical 320 mA max.
Standby current	170 mA
Power consumption	1350 mW typical

PHYSICAL & ENVIRONMENT

Dimensions	88 × 86 × 139 mm
Weight	260 g
Feedback	LED and beeper
Keyboard layouts	Multiple country layouts
Drop	Multiple 1.2 m drops to concrete
Operating	0–50 °C 5–95% humidity, non-condensing
Storage	−20–70 °C
Sealing	IP50
ESD	±15 kV air, ±8 kV contact (EN 61000-4-2)
Ambient light	0–100,000 lux
LED safety	IEC 62471

IN THE BOX

1. BC560 scanner
2. USB cable

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