BLACK COPPER®
Upgrades network

BCRS-480

2D imager Bluetooth ring barcode scanner

Weight
57g /2.01oz

Vibration

NFC

Dimensions (L×W×H)
70.0mm(L)x36.4mm(W)x28.4mm(D)
2.76in.(L)x1.43in.(W)x1.12in.(D)

LEDs

Bluetooth

Battery Capacity
400mAh
600mAh

Beeper

USB Type-C

Overview

Black Copper is your best choice for a small, lightweight and hands-free 2D wearable ring scanner It supports a wide variety of symbologies,including 1D, 2D, and OCR, and also supports reading poorly-printed and on-screen barcodes. It features dual-mode Bluetooth 4.0 technology and support three Bluetooth modes, which significantly increases productivity and reduces error rates. It also features NFC, vibration alerts, AI identifier recognition, real-time transmission and batch data offline upload. It is quite suitable for a variety of applications, from warehouse to front-of-store.

Main Features

• Rugged internal structure owe to aluminium alloy frame protecting PCBA

• Robust external structure with enhanced hardness of body and imager window

• Versatile wearable options-wear on finger, with glove or lanyard as you like

• Two replaceable battery capacities, one is 400mAh and the other is 600mAh, to greatly improve work efficiency

• Updated removable trigger

• New function, NFC, tag to pair

APPLICATION SCENARIOS

Direct Store Delivery	Ticket Service	Healthcare	Warehouse	Retail	Manufacturing	Parcel Express

Specification

Scan Engine
N4680

Working Hour
400mAh 10h
600mAh 15h

Field of View
Horizontal: 40°, Vertical 30°

Scan View
Skew±50°,Pitch±50°,
Roll 360°

Optical Resolution
640 x 480 pixels

Sensor Technology
Global Shutter

Illumination
Warm White LED with
CCT 3000K

Aiming LED
630nm RED LED