



DS-538 Series

Fixed Mount 2D Area Imager

The DUBACO DS-538 Series delivers fast, accurate scanning of 1D and 2D bar codes in a tiny footprint that fits in the most space-constrained areas.

This 2D image scanner is excellent in Omni-directional scanning bar codes on paper, mobile phones and computer screens. It can be used in either presentation mode for hands-free scanning or on-demand scanning via integrated scan trigger. The DS-538 Series is not only ideal for embedded scanning solutions such as Self-service kiosks and Point-of-sale terminals, but also perfect for industrial applications such as conveyer line scanning and test tube verification. The design of industrial level M3 mounting holes makes DS-538 Series easy to be mounted anywhere and integrated with any device.

■ Features

- ▶ Ultra-compact and easy mounting design for flexible integration (52L*42W*28.5H mm).
- ▶ Operations of handheld, fixed mount or universal stand for diverse application demands.
- ▶ Omni-directional scanning of 1D and 2D bar codes on paper, mobile phones and computer screens.
- ▶ Automatically sense and scan a moveable bar code .
- ▶ Outstanding reading ability on low contrast, soiled, poorly-printed or damaged bar codes.



M3 mounting holes

■ Applications

Mobile coupons, ID verification, Self-service kiosks, Point-of-sale terminals, Check-in counter or entrance gate, Conveyer line scanning

■ Specifications

Operational

Light Source	625nm ± 5nm Visible Red LED
Scan Pattern	Area Image 752 x 480 pixel
Depth of Field	350 - 210 mm
Resolution	5 mil or more
Print Contrast	30% or more
Scan Angle	Roll 0 - 360°, Pitch ± 60°, Skew ± 60°
Interfaces	USB
Indicators	Two-color LED(blue & red), Adjustable Beeper
Decode Capability	2D - QR Code, Data Matrix, PDF417 Maxicode, Aztec 1D - GS1 DataBar (RSS), Code 39, Code 93, Code 128, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codebar (NW7), UPC-A, UPC-E, UPC/EAN/JAN, EAN-8, EAN-13, EAN-128 and more

Physical

Dimensions	52L x 42W x 28.5H mm
Weight	70 g
Cable	Standard 2.0 M straight

Power

Input Voltage	5 VDC ± 10%
Power Consumption	1.75 W
Operating Current	260 mA typical

Environmental

Temperature	Operating : -5°C - 45°C ; Storage : -40°C - 60°C
Humidity	5% - 95% RH(non-condensing)
Light Levels	0 - 100,000 lux
Drop	Withstand 1.5 M drops



Handheld



Universal stand