

CS-H290-UHD



Handheld 2D image scanner

- The new two-dimensional image scanner CS-H290-UHD series uses the fourth-generation image scanning decoding technology, which has excellent scanning performance and reliability, and can be widely used in two-dimensional image scanning with various functions.
- CS-H290-UHD is very good at reading tiny codes, especially for material tracking codes and DPM codes in production.
- The CS-H290-UHD series is equipped with an ergonomically designed appearance and clearly visible LED indicators. It uses intelligent imaging technology and has excellent barcode scanning and digital image acquisition functions, even for barcodes on highly reflective surfaces (such as mobile phone screen barcodes). Or high-density tiny two-dimensional codes have strong interpretation capabilities, eliminating the need for additional special hardware.
- The new compact design centrally installs key internal components on one motherboard, eliminating the need to use other connectors. The fewer movable parts, the more reliable the design, minimizing the probability of failure and improving the convenience of maintenance. To improve production efficiency. Lightweight design suitable for any hand type, comfortable grip, eliminating operator fatigue.
- In addition, CS-H290-UHD supports direct component marking (DPM) reading, making the device an ideal scanning solution for light industrial applications and automation equipment terminals.

Features

- High-speed and stable decoding: Super bright LED, enhanced buzzer volume, and vibronic response to resist noisy machinery and poor lighting conditions, ensure fast feedback and eliminate redundant scanning, and optimize images for various DPM codes. Achieve high-speed stable reading.
- Flexible decoding and editing capabilities: Designed with intelligent image recognition algorithm, users can support complex application scenarios and business functions such as data cropping, superposition, and suffixes according to their own decoding needs. No additional decoding software is required.
- Multiple interface designs: One device supports USB / RS232 interface to meet a variety of embedded terminal equipment application scenarios.
- High-visibility LED sight: Non-laser aiming provides precise scanning instructions, creating a user-friendly operating environment while eliminating the risk of eye injury.
- High protection level: IP54 industrial protection level, suitable for some harsh application environments.

Technical parameter

Performance	
Imager size	Image resolution 1080 * 900 CMOS global shutter
Interface	USB, RS232 optional (can also customize RS485)
Barcode density	> 3mil DPM readable
Reading depth of field	2-15CM
Contrast	15%
Barcode Type	1D:CODE39, CODE93, CODE128, EAN13, EAN8, I25, UPC-A, UPC-E, Databar(GS1, RSS), MSI CODABAR 2D: QR, PDF417, DM, Maxicode, Aztec, MicroPDF, MicroQR
Mechanical / Electrical Characteristics	
Power	>2W
Voltage	5V
Maximum current	300mA
Operation current	120mA
Standby current	20mA
Size	171.1mm×66.7mm×96mm
Weight	110 g
Protection class	IP54
Operating temperature	-5°C - +65°C
Storage temperature	-20°C - +70°C
Relative humidity	5%-95% (non-condensing)
Ambient light	0 ~ 100,000 LUX

