

# CS3690-2D

## Lightweight programmable data terminal

### STOCKTAKE HELPER

CS3690-2D provide simple interface to allow one hand operation.

In addition, CS3690-2D able to read all common 1D/2D barcodes from printing material and electronic screens and with reliable IP65 seal to ensure the quality for the product.



- ✓ Simple and user friendly interface
- ✓ Ergonomic and stylish design
- ✓ Magnetic USB communication cable, improve durability
- ✓ OLED screen technology for energy-efficient.
- ✓ Read all common 1D/2D barcodes from printing material and electronic screens
- ✓ IP65 ensures high reliability and durability
- ✓ Multiple 1.2 meters drops to concrete
- ✓ SDK available for C-Language
- ✓ Compatible with Windows, Android and iOS



# CS3690-2D

## Specification

Working range	Bluetooth: 30m (line of sight), Wi-Fi:100m (line of sight)
Radio link	Bluetooth: 2.4–2.5GHz, Bluetooth 4.0/3.0/2.1+EDR, Class 2 Wi-Fi: 2.4GHz, compliant with Wi-Fi IEEE 802.11 b/g/n protocol standards
Interface	Bluetooth: HID keyboard, SPP, BLE Wi-Fi: Station mode(STA), Access Point mode(AP) USB: USB HID keyboard, USB virtual COM, U Disk
Data storage	4MB for out of range batch: 250,000 barcodes (each barcode is of 15 bytes) 8MB for data batch mode: 500,000 barcodes (each barcode is of 15 bytes) 76MB for U Disk mode: 5,000,000 barcodes (each barcode is of 15 bytes)
Keyboard layout	USA、Turkish F/Q、French、Italian、Spanish、Slovak、Denmark、Japanese、German
Dimension	L x W x D: 125.0 × 46.0 × 31.0 mm
Weight	115g
Case material & Colour	ABS, Grey/Black/White/Customisation
Input Voltage	5±5%V
Operating current	Bluetooth: 7 mA(sleeping), 80 mA(working), 450 mA(scanning) Wi-Fi: 7 mA(sleeping), 132 mA(working), 506 mA(scanning)
Battery	1900 mAh Lithium-ion battery   Charge time: Fully charged (>80%) in 4 hours
Indicator	Beeper, LED, Vibrator
Standby time	18 days
Operating time	Bluetooth: 19 hours, Wifi: 12 hours, based on 1 scan/5 seconds
Scan engine	ME5800-SR
Image size	1280 x 800 pixels
Field of view	Horizontal: 42°, vertical: 26.5°
Light source	White LED, 2700K
Print contrast	20% minimum reflectance difference
Scanning angle	±70°, ±75°, ±360° (skew, pitch, roll)
Decode capability	All common 1D and 2D barcode
Operating Temperature	-20°C to 55°C / -4°F to 131°F (operating); -40°C to 70°C / -40°F to 158°F (storage)
Humidity	5% to 95% (non-condensing)
Safety	EMC: EN55022, EN55024   Electrical Safety: EN60950-1 Laser safety: EN60825-1, Class 1   Illumination: 0~100,000LUX Sealing - IP65   Drop Resistance - Multiple 1.2 m (4.9 ft.) drops to concrete

[Notice] : Specification are subject to change without notice.

Decoding Depth*	
Narrow Width	Distance
4 mil Code 128 (9 chars)	65 - 142 mm
5 mil Code 39 (3 chars)	60 - 168 mm
10 mil Code 39 (3 chars)	22 - 220 mm
13 mil UPC (6 chars)	20 - 340 mm
20 mil Code 39 (1 char)	34 - 520 mm
6.7 mil PDF417 (20 chars)	45 - 180 mm
10 mil QR (20 chars)	30 - 205 mm
10 mil DM (20 chars)	35 - 182 mm
* Performance vary by bar code printing quality and environmental conditions.	