

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. | |