

CS3690-1D

Lightweight programmable data terminal

STOCKTAKE HELPER

CS3690-1D provide simple interface to allow one hand operation.

In addition, CS3690-1D able to read all common 1D barcodes on printing material 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.
- ✓ Decode all major 1D barcode symbology
- √ IP65 ensures high reliability and durability
- ✓ Multiple 1.2 meters drops to concrete
- √ SDK available for C-Language
- ✓ Compatible with Windows, Android and iOS









CS3690-1D

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	Specification	
Wi-Fi: 2.4GHz, compliant with Wi-Fi IEEE 802.11 b/g/n protocol standards	Working range	Bluetooth: 30m (line of sight), Wi-Fi:100m (line of sight)
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) 8MB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 76MB for U Disk mode: 5,000,000 barcodes (each barcode is of 15 bytes) 8MB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 76MB for U Disk mode: 5,000,000 barcodes (each barcode is of 15 bytes) 8MB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 8MB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 8MB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 9MB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 9MB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 9MB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 9MB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 9MB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 9MB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 9MB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 9MB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 9BB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 9BB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 9BB for data batch mode: 5,000,000 barcodes (each barcode is of 15 bytes) 9BB for data batch: 25,000,000 barcodes (each barcode is of 15 bytes) 9BB for data batch: 25,000,000 barcodes (each barcode is of 15 bytes) 9BB for data batch: 25,000,000 barcodes (each barcode is of 15 bytes) 9BB for data batch: 25,000,000 barcodes (each barcode is of 15 bytes) 9BB for data batch: 25,000,000 barcodes (each barcode is of 15 bytes)	Radio link	Bluetooth: 2.4–2.5GHz, Bluetooth 4.0/3.0/2.1+EDR, Class 2
Wi-Fi: Station mode(STA), Access Point mode(AP) USB: USB HID keyboard, USB virtual COM, U Disk Data storage ### 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%/ Display OLED display (128 x 64) with LED backlight Battery 1900 mAh Lithium-ion battery Charge time: Fully charged (>80%) in 4 hours Operating current Bluetooth: 4 mA(sleeping), 75 mA(working), 135 mA(scanning) Wi-Fi: 4 mA(sleeping), 75 mA(working), 187 mA(scanning) Standby time 18 days Operating time Bluetooth: 22 hours, Wifi: 13 hours, based on 1 scan/5 seconds Indicator Beeper, LED, Vibrator Scan engine uE966 Light source 650nm visible laser diode Scanning angle ±50°, ±65°, ±35° (skew, pitch, roll) Decode capability UPC-A, UPC-E, EAN-13, EAN-8, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar(NW7), Code 128, Code 93, MSI/Plessey, UIC/Plessey, UCC/EAN 128, GS1 DataBar(formerly RSS)variants, ISBN/ISSN Operating Temperature -20°C to 55°C / -48°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		Wi-Fi: 2.4GHz, compliant with Wi-Fi IEEE 802.11 b/g/n protocol standards
USB: USB HID keyboard, USB virtual COM, U Disk AMB 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) 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 Display OLED display (128 x 64) with LED backlight Battery 1900 mAh Lithium-ion battery Charge time: Fully charged (>80%) in 4 hours Operating current Bluetooth: 4 mA(sleeping), 75 mA(working), 135 mA(scanning) Wi-Fi: 4 mA(sleeping), 127 mA(working), 187 mA(scanning) Wi-Fi: 4 mA(sleeping), 127 mA(working), 187 mA(scanning) Standby time 18 days Operating time Bluetooth: 22 hours, Wiffi: 13 hours, based on 1 scan/5 seconds Indicator Beeper, LED, Vibrator Scan engine Light source 650nm visible laser diode Scanning angle ±50°, ±65°, ±65°, ±35° (skew, pitch, roll) Decode capability UPC-A, UPC-E, EAN-13, EAN-8, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar(NW7), Code 128, Code 93, MSI/Plessey, UK/Plessey, UCC/EAN 128, GS1 DataBar(formerly RSS)variants, ISBN/ISSN 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	Interface	Bluetooth: HID keyboard, SPP, BLE
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Indicator Beeper, LED, Vibrator Scan engine Light source 650nm visible laser diode Scanning angle ±50°, ±65°, ±35° (skew, pitch, roll) Decode capability UPC-A, UPC-E, EAN-13, EAN-8, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar(NW7), Code 128, Code 93, MSI/Plessey, UK/Plessey, UCC/EAN 128, GS1 DataBar(formerly RSS)variants, ISBN/ISSN 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	Standby time	18 days
Scan engine uE966 Light source 650nm visible laser diode Scanning angle ±50°, ±65°, ±35° (skew, pitch, roll) Decode capability UPC-A, UPC-E, EAN-13, EAN-8, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar(NW7), Code 128, Code 93, MSI/Plessey, UK/Plessey, UCC/EAN 128, GS1 DataBar(formerly RSS)variants, ISBN/ISSN 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	Operating time	Bluetooth: 22 hours, Wifi: 13 hours, based on 1 scan/5 seconds
Light source 650nm visible laser diode Scanning angle ±50°, ±65°, ±35° (skew, pitch, roll) Decode capability UPC-A, UPC-E, EAN-13, EAN-8, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar(NW7), Code 128, Code 93, MSI/Plessey, UK/Plessey, UCC/EAN 128, GS1 DataBar(formerly RSS)variants, ISBN/ISSN 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	Indicator	Beeper, LED, Vibrator
Scanning angle ±50°, ±65°, ±35° (skew, pitch, roll) Decode capability UPC-A, UPC-E, EAN-13, EAN-8, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar(NW7), Code 128, Code 93, MSI/Plessey, UK/Plessey, UCC/EAN 128, GS1 DataBar(formerly RSS)variants, ISBN/ISSN 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	Scan engine	uE966
Decode capability UPC-A, UPC-E, EAN-13, EAN-8, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar(NW7), Code 128, Code 93, MSI/Plessey, UK/Plessey, UCC/EAN 128, GS1 DataBar(formerly RSS)variants, ISBN/ISSN 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	Light source	650nm visible laser diode
Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar(NW7), Code 128, Code 93, MSI/Plessey, UK/Plessey, UCC/EAN 128, GS1 DataBar(formerly RSS)variants, ISBN/ISSN 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	Scanning angle	±50°, ±65°, ±35° (skew, pitch, roll)
MSI/Plessey, UK/Plessey, UCC/EAN 128, GS1 DataBar(formerly RSS)variants, ISBN/ISSN Operating Temperature	Decode capability	UPC-A, UPC-E, EAN-13, EAN-8, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39,
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) EMC: EN55022, EN55024 Electrical Safety: EN60950-1 Laser safety: EN60825-1, Class 1 Illumination: 0~100,000LUX		Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar(NW7), Code 128, Code 93,
Humidity 5% to 95% (non-condensing) Safety EMC: EN55022, EN55024 Electrical Safety: EN60950-1 Laser safety: EN60825-1, Class 1 Illumination: 0~100,000LUX		MSI/Plessey, UK/Plessey, UCC/EAN 128, GS1 DataBar(formerly RSS)variants, ISBN/ISSN
Safety EMC: EN55022, EN55024 Electrical Safety: EN60950-1 Laser safety: EN60825-1, Class 1 Illumination: 0~100,000LUX	Operating Temperature	-20°C to 55°C / -4°F to 131°F (operating); -40°C to 70°C / -40°F to 158°F (storage)
Laser safety: EN60825-1, Class 1 Illumination: 0~100,000LUX	Humidity	5% to 95% (non-condensing)
	Safety	· · · · · · · · · · · · · · · · · · ·
Sealing - IP65 Drop Resistance - Multiple 1.2 m (4.9 ft.) drops to concrete		
		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 (9 chars) 50 - 90 mm 5 mil (12 chars) 50 - 115 mm 10 mil (3 chars) 20 - 260 mm 15 mil (3 chars) 30 - 380 mm 20 mil (3 char) 45 - 490 mm 30 mil (2 chars) 40 - 700 mm 55 mil (2 chars) 80 - 850 mm * Performance vary by bar code printing quality and environmental conditions.			