F70 Fixed position CCD scanner

HIGHLIGHTS

- High speed scanning
- CCD linear sensor
- Sheet metal case
- Various interfaces
- 2 models available



SCALE 1:1



F70

> BASIC PRODUCT SPECIFICATIONS

OPERATING INDICATORS

VISUAL: 1 LED (red/green/orange) NON-VISUAL: Buzzer

COMMUNICATION

RS232: DB25 F connector with external power supply USB: Ver. 2.0, HID/VCP, USB-A connector

POWER

VOLTAGE REQUIREMENT: 5V +/- 5% CURRENT CONSUMPTION: 220mA (typical use)

BARCODE SCANNER OPTICS

LIGHT SOURCE: 660 nm red LED SCAN METHOD: CCD linear sensor SCAN RATE: 700 scans/sec TRIGGER MODE: Multiple read, serial software trigger READING PITCH ANGLE: -6 to 0˚, 0 to +6˚ READING SKEW ANGLE: -30 to -10˚, +10 to +30˚ READING TILT ANGLE: -20 to 0˚, 0 to +20˚ FOCAL PLANE: L-type: 31.4 mm, I-type: 35.4 mm / 1.39 in, Min. resolution at PCS 0.9: 0.2 mm / 0.15 mm at 60 mm reading length, Min. PCS value: 0.45 DEPTH OF FIELD: I-type: Ca. 30 - 42 mm / 1.18 - 165 in (Ca. -5 to +5 mm from focal plane), L-type: Ca. 30 - 41 mm / 1.18 - 1.61 in (Ca. -5 to +6 mm from focal plane) CURVATURE: R>30 mm (EAN8), R>20 mm (EAN13)

SUPPORTED SYMBOLOGIES

BARCODE (1D): JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 39, Code 93, Code 128, GS1-128 (EAN-128), IATA, Industrial 2of5, Interleaved 2of5, MSI/Plessey

DURABILITY

TEMPERATURE IN OPERATION: 0 to 40 ˚C / 32 to 104 ˚F TEMPERATURE IN STORAGE: -10 to 60 ˚C / 14 to 140 ˚F HUMIDITY IN OPERATION: 20 - 85% (non-condensing) HUMIDITY IN STORAGE: 20 - 90% (non-condensing) AMBIENT LIGHT IMMUNITY: Incandescent 5,000 lx max, Fluorescent 5000 lx max ANTISTATIC ELECTRICITY: 15kV (non-destructive) DROP TEST: 0.6 m / 2 ft drop onto concrete surface VIBRATION TEST: 10 - 100 Hz with 2G for 3 hours

PHYSICAL

DIMENSIONS (W X H X D): I-type: 55 x 47 x 20 mm / 2.17 x 1.85 x 0.79 in, L-type: 52 x 55 x 20 mm / 2.05 x 1.85 x 0.79 in WEIGHT BODY: I-type: Ca. 100 g / 3.5 oz (excl. cable), L-type: Ca. 110 g / 3.9 oz (excl. cable) CASE: Sheet metal, Black

REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, FCC, RoHS, EN60950-1, IEC60950-01, IEC60825-1, EN55022, EN55024

SOLD SEPARATELY

Power supply 230V, 50 Hz, 5V/500mA (for RS232)

MODELS

SCAN VERSIONS: I-type, L-type

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