

# FD-1588

## Area-Imaging Scanner



## SPECIFICATIONS CHART

### COMMUNICATION

Interface: HiD USB

### POWER

VOLTAGE REQUIREMENT: 5V

CURRENT CONSUMPTION: max. 135mA to 5V

### 2D IMAGER OPTICS

LIGHT SOURCE: aiming Red LED + White iLLUmination LED

SCAN METHOD: CMOS aRea SenSoR, 648 x 488 pixelS

SCAN RATE: Up to 60 fps

READING PITCH ANGLE: -50 to 0°, 0 to +50°

READING SKEW ANGLE: -50 to 0°, 0 to +50°

READING TILT ANGLE: 360°

MIN. RESOLUTION AT PCS 0.9: 0.127 mm / 5 mil

MIN. PCS VALUE: 0.9

FIELD OF VIEW: Horizontal 35°, Vertical 23°

DEPTH OF FIELD AT EAN -13

60 - 250 mm / 13 mil

DEpTh OF FiELD at Code 93:

60 - 210 mm / 10 mil

DEPTH OF FIELD AT DATA MATRIX:

60 - 140 mm / 10 mil

### SUPPORTED SYMBOLOGIES

#### BARCODE (1D):

JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, GS1-128 (EAN-128), GS1 DataBar (RSS), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISSN-ISMN, Matrix 2of5, MSI/Plessey, Telepen,

#### 2D CODE:

Data MatRix, MicRo PDF417, QR CODE, MicRo QR Code

### DURABILITY

TEMPERATURE IN OPERATION: -30 to 60 °C / -22 to 140 °F TEMPERATURE IN STORAGE: -40 to 70 °C / -40 to 158 °F HUMIDITY IN OPERATION: 5 - 90% (non-condensing) HUMIDITY IN STORAGE: 5 - 90% (non-condensing) AMBIENT LIGHT IMMUNITY: Fluorescent 10,000 lx max, Sunlight 100,000 lx max, Incandescent 10,000 lx max DROP TEST: packed in dummy case 1.8 m / 6 ft drop onto concrete surface