

**Scanning Performance**

**Light Source:** 617nm Highly Visible LED, 650nm Laser Framing/Aiming

**Scan Rate:** 2D mode: 30 images/s auto adaptive

**Scan angle:** 48.0° (Horizontal), 31° (Vertical)

**Framing Angles:** 47.0° (Horizontal), 30.0° (Vertical)

**Optical resolution:** 1280 (H) x 800 (V) pixels, 256 gray levels

**Print Contrast:** down to 30% on 1D and 2D symbologies

**Min. Resolution:** 1D symbologies 0.15mm (6mil), 2D matrix 0.25mm (10mil)

**Symbologies**

**1D symbologies:**

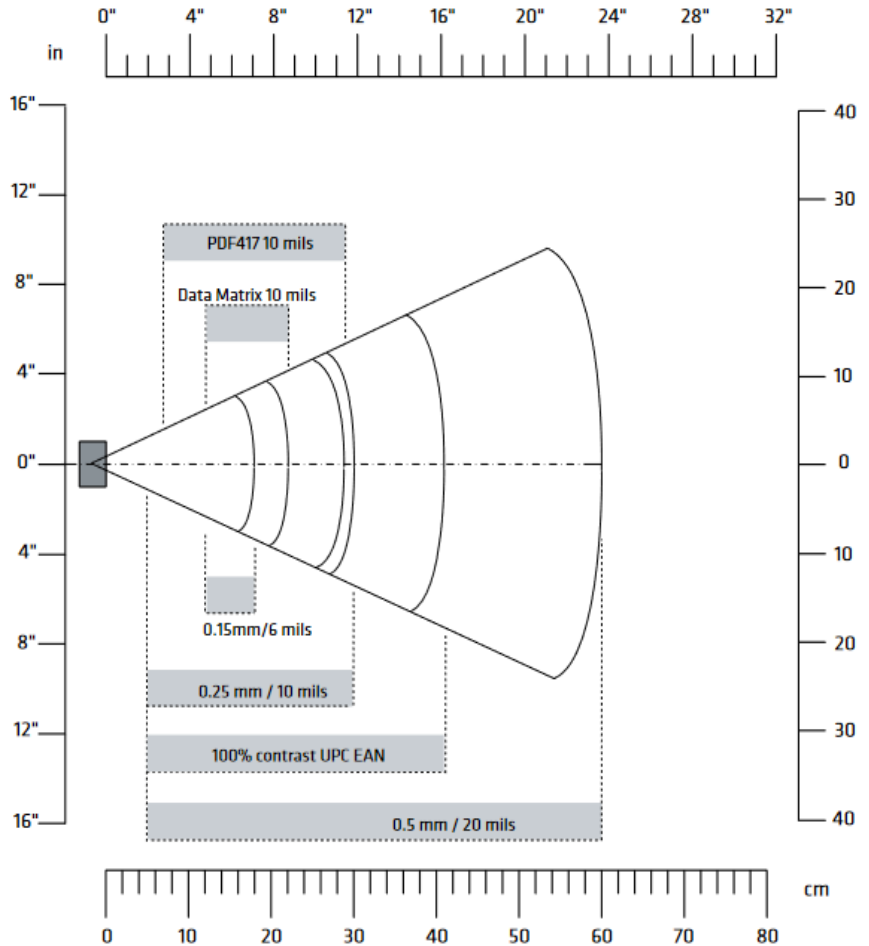
EAN/UPC, GS1 Databar (limited expanded & omni-directional), RSS, Code 39, Code 128, UCC/EAN 128, ISBN, ISBT, Interleaved/Matrix/Industrial and Standard 2 of 5, Codabar, Code 93/93i, Code 11, MSI, Plessey, Telepen, postal codes (Australian Post, BPO, Canada Post, Dutch Post, Japan Post, PostNet, Sweden Post)

**2D symbologies:** Data Matrix, PDF417, Micro PDF 417, Codablock Maxicode, QR, Aztec GS1 composite codes

**Regulatory Approvals**

UL, cUL, VDE certified, RoHS compliant, Class 2 Laser

**Reading Distances**



**Description**

The EA21 not only provides high performance 1D & 2D barcode scanning at standard range but goes beyond: With its wide angle and large sensor it can be used for various image capture and image analysis applications. EA21 is very flexible and captures images in 99% of lighting conditions. The highly visible laser aimer ensures that the user can easily target images and barcodes. The laser projects both a laser pointer and a four corner framer and additional LEDs provide flood illumination. As for all scan engines, EA21 is designed to work in the most hostile environments. It operates from total darkness to full sunshine over a large temperature range and complies with the most stringent standards for shock and vibration

**Contact**

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