



FC77

2D Presentation Scanner

The freestanding Unitech FC77 barcode scanner brings a new flexibility to work stations, counters, and POS systems everywhere. The aggressive scan engine can also read digital barcodes off highly reflective smart phone and tablet screens.

High Performance Scanning

This 2D barcode scanner can be easily configured to scan in autosensing mode along with a variety of other modes. Depending on the barcode size, the FC77 is capable of reading PDF417, UCC128/Code128, and USS 39/Code 39 (Full ASCII) barcodes at a distance of 1" -12".

Smart and Compact Design

When space is limited but performance is required, the FC77's compact size and footprint make it the ideal solution for space-constrained environments. The FC77 features an adjustable base that allows the scan head to move forward and backward into the most convenient hands-free scanning position. The FC77 can also be mounted on a wall providing various options for optimal placement and installation.

Rugged

The FC77 is built to withstand dirt, grime and the accidental spill. Its rugged housing is environmentally sealed against moisture and dust, and durable enough to withstand 3-foot drops to concrete. The FC77 is designed to deliver reliable, long-lasting performance.

Applications

The Unitech FC77 can be used in a wide variety of markets and applications. Its on-counter design provides great productivity and efficiency with its high performance imager scanner and compact footprint. It fits great into the retail, healthcare and library target markets for such applications as POS, loyalty cards, mobile coupon and much more.

Main Features:

- High performance on-counter 2D imager scanner
- Transfers data and powers device via USB port
- Scans all 1D and 2D barcodes
- Reads digital barcodes displayed on the screen of a mobile devices
- Environmentally sealed against water and dust
- Compact footprint takes up minimal counter space

Electrical

Rush Power	DC +5 V, 500mA (typical)
Operating Power	DC +5 V, 270mA (typical)
Standby Power	DC +5 V, 250mA (typical)

Optical

Light Source	Visible red LED 625nm ± 5 nm
Depth of Field	Up to 300 mm @ 20 mil, Code 39
View of Field	40° horizontal, 25° vertical
Frame Rate	60 fps in full frame / 120 fps in 1D emulation
Indicator	Beeper and LED (Standby blue/ Good read orange)

Functionality

Symbologies	<p>1D UPC/EAN (UPCA/UPCE/UPCE1/EAN-8/EAN-13/JAN-8/JAN-13 plus supplementals, ISBN, ISSN, Coupon Code), Code 39, Code 32, Code 128 (Standard, Full ASCII, UCC/EAN-128, ISBT-128 Concatenated), Code 93, Codabar/ NW7, 2 of 5 (Interleaved 2 of 5, Discrete 2 of 5, IATA, Chinese 2 of 5, Matrix 2 of 5, Code 11), MSI Plessey, PDF417, UCC 128, Code 128</p> <p>GS1 Data Bar (Omni-directional, Truncated, Stacked, Stacked Omni-directional, Limited, Expanded, Expanded Stacked), U.S. Postnet and Planet, U.K. Post, Japan Post, Australian Post, Netherlands KIX Code, Royal Mail 4 State Customer, UPU FICS 4 State Postal, USPS 4CB</p> <p>2D PDF 417 (Standard, Macro), Micro PDF 417 (Standard, Macro), Composite Codes (CC-A, CC-B, CC-C) TL C-39, Aztec (Standard, Inverse), Maxi Code, Data Matrix/ECC 200 (Standard, Inverse), QR Code (Standard, Inverse, Micro)</p>
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Environmental

Ambient Light Immunity	100,000 lux
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Humidity	5% ~ 95% RH (non-condensing dew)
Drop test	3-foot
Environmental Sealing	IP42

Mechanical

Scanner Dimension	3.84" x 3.35" (3.7" base) x 6.36"
Scanner Weight	12.43 oz

Regulatory Approvals

CE, FCC, Class B

Warranty

3 years

Specifications subject to change without notice.

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