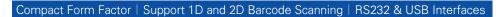
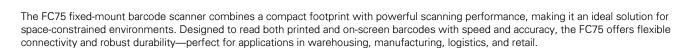


FC75

Fixed Mount Scanner





Compact and Versatile Design

With its space-saving footprint, the FC75 is purpose-built for smooth integration into a variety of operational setups. Whether mounted in warehouse workstations, manufacturing lines, logistics sorting areas, or retail counters, its compact design maximizes available workspace without sacrificing scanning speed or accuracy.

High-Performance 1D & 2D Barcode Scanning

Equipped with an advanced fixed-mount imager, the FC75 delivers reliable reading of both 1D and 2D barcodes. From printed labels to on-screen codes, it ensures fast and accurate capture, meeting the demands of diverse applications in warehousing, manufacturing, logistics, and retail operations.

Flexible Connectivity with RS232 & USB

With built-in RS232 and USB interfaces, the FC75 offers flexible connectivity to various host systems. This versatility ensures smooth integration into POS terminals, industrial equipment, or automated systems, supporting a wide range of operational needs.

Hands-Free and On-Demand Scanning

Offering both presentation and trigger-activated modes, the FC75 delivers flexible operation for continuous hands-free scanning or precise on-demand reading. This versatility streamlines workflows and adapts seamlessly to different scanning scenarios.

Rugged Design for Lasting Performance

Engineered for long-term use, the FC75 features IP42-rated protection against dust and moisture, and withstands multiple drops from 1.2 meters onto concrete. Its robust design helps ensure reliable performance and minimize maintenance costs over time.

Features

- Compact form factor for easy installation in space-limited environments
- Reads both 1D and 2D barcodes, including printed labels and digital codes on screens
- RS232 and USB interfaces for easy system integration
- · Fast, aggressive scanning performance for efficient operations
- Trigger and presentation modes for hands-free or on-demand scanning
- IP42-rated sealing against dust and moisture for reliable operation in harsh environments
- · Withstands multiple drops from 1.2 meters onto concrete





FC75 Specifications



Optical & Performance

Sensor 1280 (H) x 960 (V) pixels Aiming Element 610nm, Green LED

Illumination White LED

Ambient Light Works in any lighting conditions from 0 to 100,000 lux

Scan Rate 60 fps

Skew Angle Horizontal – 44.5°, Vertical – 33.5°

Pitch Angle Sensor ±60° Roll Angle 360°

Printing Contrast Scale 20% Minimum

Depth of Field SYMBOLOGY: Near // Far

 $5.0 \text{ mil Code } 39\text{: } 2.4 \text{ in. } (6.1 \text{ cm}) \text{ } // 9.5 \text{ in. } (24.1 \text{ cm}) \\ 5.0 \text{ mil Code } 128\text{: } 2.8 \text{ in. } (7.1 \text{ cm}) \text{ } // 9.0 \text{ in. } (22.9 \text{ cm}) \\ 6.67 \text{ mil PDF417: } 2.4 \text{ in. } (6.1 \text{ cm}) \text{ } // 8.0 \text{ in. } (20.3 \text{ cm}) \\ 10 \text{ mil Datamatrix: } 2.9 \text{ in. } (7.4 \text{ cm}) \text{ } // 8.5 \text{ in. } (21.6 \text{ cm}) \\ 100\% \text{ UPCA: } 1.8 \text{ in. } (4.6 \text{ cm}) \text{ } // 19.5 \text{ in. } (49.5 \text{ cm}) \\ 15 \text{ mil QR: } 1.2 \text{ in. } (3.0 \text{ cm}) \text{ } // 11.5 \text{ in. } (29.2 \text{ cm}) \\ 20 \text{ mil QR: } 1.2 \text{ in. } (3.0 \text{ cm}) \text{ } // 14.0 \text{ in. } (35.6 \text{ cm}) \\ \end{aligned}$

Communication

Host Interface supported RS232, USB (HID KBW or Virtual comport)

Mechanical

Dimension 56 mm W x 69 mm D x 27.7 mm H

Weight 85g (scanner only)

Symbologies

1D EAN/UPC, UCC/EAN128, ISBN, ISBT, Code 39, Code

93/93i, Code 128, Interleaved, Standard 2 of 5, Codabar,

MSI, GS1 DataBar

2D Data Matrix, PDF 417, Micro PDF 417, Maxicode,

QR code, Aztec, MicroQR code

Electrical

Operation Voltage DC +5V 5% Current Consumption 330mA

Environmental

ESD Protection 8 KV air discharge, 4 KV conductive discharge

Mechanical Shock 2000 G, 0.85 ms, half sinus, 3 axes

Operating Temperature -20°C to 50°C (-4°F to 122°F)

Storage Temperature -30°C to 70°C (-22°F to 158°F)

Relative Humidity 5% to 95% (Non-condensing)

IP Rating IP42







Headquarters

Taipei, Taiwan

http://www.ute.com e-mail: info@hq.ute.com

unitech America

Los Angeles

http://us.ute.com e-mail: info@us.ute.com http://can.ute.com info@can.ute.com

Mexico

http://latin.ute.com e-mail: info@latin.ute.com

unitech Asia Pacific & Middle East

Taipei

http://apac.ute.com info@apac.ute.com / info@india.ute.com

http://mideast.ute.com info@mideast.ute.com

unitech Europe

Tilburg / Netherlands

http://eu.ute.com e-mail: info@eu.ute.com

unitech Japan

Tokyo

http://jp.ute.com e-mail: info@jp.ute.com

unitech Greater China

Beijing, Shanghai, Guang Zhou, Xiamen http://cn.ute.com info@cn.ute.com Taipei http://tw.ute.com info@tw.ute.com

