

# Rugged Handheld Area Imager Barcode Scanner S700



S700 is a member of Urovo ultra high scanning density series products. Its exquisite, light weight and ergonomic designs improved service ability and ensured that the S700 fits well in various user hand sizes. S700 delivers superior barcode scan and digital image capture abilities, which suitable from 1D, 2D, even color barcode showing on the device LCD. S700 can even withstand multi drops to concrete distance as high as 1.5 meters compatible industrial requirement. With CE electrical safety, FCC, RoHS certification, moreover supports PS2, RS232, USB optional interface cables freely interchangeable, and S700 could provide customer with the most cost-effective solution.

## Outstanding Scan Performance

S700 supports all common market available types of 1D and 2D barcodes. Its scanning ability is even suitable for distortion, damage and other non-standard barcodes within wide scanning range and depth.

## Rugged and Ergonomic Design

Rugged casing supports IP54 sealing and 1.5m dropping resistance. It is a durable hand-held scanner that can resist harsh environments and chemicals.

## Safe and Reliable Design

Utilizing white light illumination will avoid potential laser safety hazard, and it is also conform to the CE, FCC, RoHS certification, etc.

## Replaceable Multiple Interfaces

The S700 supports PS2 keyboard, RS-232 serial port, USB keyboard and USB virtual serial port, which are easily interchangeable by applying different cable.

## Applications:

Retail, health care, logistic and warehousing management, etc.



## S700 Specification

Physical features	
Weight	156g
Material	ABS plastic and rubber
Dimensions (LxWxH)	178mmx69mmx82mm
Electrical parameters	
Voltage	5V DC ± 10%
Operating current	350mA (working)
Indication Signal	Beep, LED lights
Data interface	RS232/USB/KBW
Cable standards	Linear 2m
Connector	Rj45
Scanning performances	
Inductor	Area Imager CMOS
Light source	630nm white LED
Resolution	752 x 480, 3mil @ Code39
Scan depth	420mm@20mil/0.5mm, 300mm@13mil,225mm@10mil,120mm@5mil,PCS90%
Scanning angle	±65°(horizontality),±65°(verticality),360°(rotation)
Print contrast	20%
Decoding type	Scan rate: 300 times / sec
	1D / Linear codes: Codabar, Code 11, Code 39, Code93, Code 128, EAN 8/EAN13, EAN128/UCC, GS1 DataBar, Interleaved 2of 5, Industrial 2 of 5, Matrix 2 of 5, Standard 2 of 5, ISBN , ISSN, MSI / PLESSY, Telepen, UPC A / UPC E
	2D/Stacked Codes: Datamatrix, Aztec, PDF417, MicroPDF417, Postal Codes, Maxicode, QR Code, Micro QR Code, UCC / EAN Composite
Environmental parameters	
Operating temperature	-10 ° C to 50 ° C
Storage temperature	-40 ° C to 70 ° C
Humidity	5% to 95% (non-condensing)
Ambient light	100,000 Lux maximum illumination
Resistance to dropping	Able to withstand several times from a height of 1.5 m drop onto concrete impact
Sealing	IP54
Certification	CE, and RoHS