

# SAVEO-SCAN-H12D-BH Long Range

Designed primarily for smartphones, Saveo Scan 2D Long Range is a 2D barcode scanner that allows to scan 1D and 2D barcoded items and send data back to device. Its in-built Honeywell EX25C engine allows to reliably read barcodes on various shapes and surfaces from a distance of up to 15 meters and is a great space-saver for busy or limited workspaces. It supports not only Bluetooth-enabled devices through wireless communication, but also Android OTG devices through USB cable.

## FEATURES

- HIGH PERFORMANCE HONEYWELL EX25C SCAN ENGINE
- SUPPORTS WIRED OTG AND BLUETOOTH CONNECTIVITY
- BLUETOOTH ENABLED DEVICES / ANDROID / WIN / MAC
- FULL SDK AVAILABLE
- NO APP REQUIRED
- MULTIPLE MOUNTING OPTIONS
- CHARGING CRADLE INCLUDED



## Accessories



Universal Holder



Dual Layer Hard Shell Case



Tablet Holder



Charging Cradle Included



10 Port Charging Station

DESCRIPTION	P/N
Wireless BT, OTG, Long Range 2D barcode scanner + Universal Holder + USB cable + Charging cradle *	SAVEO-SCAN-H12D-BH

ACCESSORIES	P/N
Adjustable smartphone holder (screen size: 4.0" - 5.0")	SBB001
Adjustable tablet holder	SBB002
Large adjustable smartphone holder (screen size: 4.7" - 5.7")	SBB003
Dual Layer Hardshell Case (specific to model)	SBB005
Lightning to Micro USB cable	SC1006
10 Port Mains Powered USB Charging Station	SC1005

## Specifications

Performance Characteristics	
Scan Engine	Honeywell EX25C
Aiming LED	650nm Laser
Illumination Element	617nm highly visible LEDs
Depth of Field	1D (100% UPC/EAN) 1600 mm
Scan Speed	60 frame /sec
Best Resolution	1D (4 mils) Code 39; 2D (6.7mils): DataMatrix
Scan Angle	14° (Horizontal), 8.7° (Vertical)
Print Contrast	Down to 40%
Indicators	Orange LED on: Charge full Orange LED flashing: Charging/Low battery Red LED on: Offline/Out of service Green LED on: Good read Orange LED on: Good read (batch mode)
Interface	Bluetooth HID & SPP profiles USB OTG (for Android OTG Devices)

Electrical Characteristics	
Input Voltage	5 VDC $\pm$ 0.5 V
Operating Current	450 mA (imager +laser); 230mA (motor)
Radio Range	BT Class 1 (100m, line of sight)
Memory Capacity	1MB
Battery Type	Rechargeable Li-Ion battery pack (3.7V 1600mAH)
Scans per Charge	10,000 readings/fully charged
Charge Time	3 – 4 hours

Physical Characteristics	
Dimensions	98 x 66 x 178mm (L x W x H)
Weight	Scanner: 215 g Cradle: 225g

User Environment	
Operating Temperature	0°C to 50°C
Storage Temperature	-40°C to 70°C
Humidity	5% to 95% relative humidity, non-condensing
Ambient Light	Works in any lighting conditions, from 0 to 100 000 lux
Shock	1.2 m drop onto concrete

Symbologies	
<b>1D:</b> EAN/UPC, GS1 Databar, (limited expanded & omni-directional), RSS, Code 39Code 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) <b>2D:</b> Data Matrix, PDF417, Micro PDF 417, Codablock, Maxicode, QR, Aztec, GS1 composite codes.	

Depth of Field	
10 mils Code 39	15 ~ 135 cm
20 mils Code 39	16 ~ 280 cm
40 mils Code 39	25 ~ 550 cm
55 mils Code 39	40 ~ 720 cm
100 mils Code 39	• ~ 1200 cm
100 mils Code 128 retro-reflective	• ~ 1300 cm
13 mils EAN 100%	15 ~ 160 cm
10 mils Data Matrix	15 ~ 90 cm
30 mils Data Matrix	25 ~ 310 cm
55 mils Data Matrix	• ~ 450 cm
100 mils Data Matrix	• ~ 1100 cm
300 mils Data Matrix	20 ~ 1524 cm

- Depends on symbology length and scan angle