



SCANTECH ID SG-15^{Colour} Price Verifier

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Introduction

The Shuttle SG-15^{Colour} is an entry level, small and attractive price checker. The Shuttle features the latest technology and interfacing is either through Wireless RF or hard wired Ethernet.

The bright display has, depending on the font set, 3 or 5 lines and can display up to 20 characters per line. There is a choice of bar code scanners between the entry level single scan line 1D linear imager scanner and the high performance 24 scan lines omni – directional laser scanner (2D scan engine is also available per customers request). Because of its size and the sympathetic good looks, the Shuttle can be installed anywhere in a store including on the shelves.

This flexibility of installation is enhanced by the optional Power-over-Ethernet. The three available standard colours greatly help to fit most interiors.

Features

- Driven by Linux OS
- 3.5" colour display
- Compatible with SG-15^{Plus} Price-Checker
- Self detection and configuration of scan-engine at start-up
- Stand-by scheduler for sustainable use
- Choice of colour: Red, Black and Silver
- Choice of scanner: Omni-directional Laser, 1D Linear Imager, 2D Area Imager
- Choice of Network Interface:
 - Ethernet or Power over Ethernet (optional)
 - WiFi 802.11a/b/g/n/ac (optional)
- +5V power supply(SG-15 compatible)
- Wall mounting by 2 screws
- Simple configuration by standard web browser

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Specifications

System Architecture

Processor	ARM Cortex-A7 Dual-Core
Operating System	Linux 3.0
Memory (Storage)	internal: 8GB external: USB flash disk (not included)
Memory (RAM)	512MB
Software	Client applications included

Output Media

Display	3.5" diagonal
Brightness	450 nits 16million colours for high quality displaying
Resolution	320 x 240 pixels
Graphics Supported	PNG, JPEG, GIF, BMP
Speaker	1 Speaker

Data Ports

USB 2.0	x1
Ethernet	x1
RS232	x1

Network Interface

Wired LAN	* 10/100Mb Ethernet (802.3) * Power over Ethernet 802.3af (optional)
Wireless LAN	802.11 a/b/g/n/ac 2.4G/5GHz (Optional)
Protocols	WPA, PSK and WPA Enterprise security

Physical

Dimensions (H x W x D)	182 x 131 x 95mm (7.17 x 5.16 x 3.74 inch)
Weight	< 0.9 kg (2 lb)
Mounting Options	Wall mount with 2 screws (Scantech ID SG-15 compatible)

Data Input

Scanner Possibilities	*Omni Directional Laser Scanner : High Speed, hi sensitive and omni-directional scanning. Reading of fragmented bar codes. Visible laser diode 635nm. Scan pattern: 6 direction scan field, 24 lines. Scan rate: 2000 scans/sec Up to 300mm@UPC/EAN 100%, PCS90% *1D Linear Imager: Smart detect up to 500 scans/sec *2D Area Imager Scanner : White light LED. Resolution: 1280 (H) x 800 (V) pixels. FOV: 55° (H) x 35° (V)
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Symbologies Supported

***Omni Directional Laser Scanner :**
EAN/UPC/JAN+Add-on,ISBN,Code 128,EAN128, Code 93, Code39, Code32, Codabar,Interleaved 2 of 5, MSI-Plessey and GS1 DataBar.

***1D Linear Imager :**
All UPC/EAN/JAN, EAN128 Code, Code 39, Code 39 Full ASCII Code32 / Italian Pharmacy, Code 128, CODABAR/NW7,Interleave 25, Industrial 25, Matrix 25, MSI/PLESSEY, Telepen Code 93, Code 11, China Postage, Code 26, LCD25 and GS1 DataBar Family.

***2D Area Imager Scanner :**
1D Symbologies: EAN/UPC,Australian Post, Aztec, BPO, Canada Post, Dutch Post, EAN, UCC Composite, Interleaved 2 of 5, Japan Post, MSI Code, Planet, Plessey Code, Postnet, GS1 Databar, Standard 2 of 5, Telepen, TLC39
2D Symbologies: Datamatrix, Matrix 2 of 5, Maxi 2 of 5, Maxicode, QR code


Power Requirements

Power Supply	DC 5V/2.0A power adapter or Power over Ethernet 802.3af (optional)
Power Consumption	3-5Watt (5Vdc, 580~1050mA) Depending on interface and scanner type.

Environmental

Operating Temperature	0°~40°C(32°F~104°F)
Storage Temperature	-20°~60°C(-4°F~140°F)
Humidity	Humidity 5%~95% RH (non-condensing)

Regulatory

CE, FCC and RoHS compliant 

The specifications are subject to change without prior notice, for complete details and update-to-date product information please contact your sales representative.

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