SCANTECH ID

SG15 Plus

Introduction

The dedicated Price Verifier

The Shuttle SG15^{Plus} is an entry level, small and attractive price checker. The Shuttle features the latest technology. 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 CCD scanner and the high performance 20 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 also greatly help to fit most interiors.

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SG15^{Plus}

Features

- Wireless: WiFi 802.11 b/g/n with WPA encryption (WPA – 1, WPA – 2 personal & Enterprise) through mini – PCI card. (optional)
- Secured access to web interface by password.
- Ethernet: 10/100 Base – T.
- Audio: Play real audio samples (wav) through loud speaker.
- Animation: Supports animations/pictures/logos on display.
- Handheld scanner connection through AUX port (RS – 232).
- Remote Management.
- User friendly Software tools for easy integration of the SG15^{Plus}.

Specifications

Physical Characteristics

Depth	95 mm
Width	131 mm
Height	181 mm
Display	High-bright blue – white 128 x 64 pixels.
Housing material	PC/ABS
Colour options	Black, Silver, Red.

Electrical

Power supply voltage	100 – 240 Vac 50/60 Hz through external PSU (adapter) or Power over Ethernet complying IEEE 802.3af (optional).
Power consumption	3 – 5Watt(5.2Vdc,580-1050mA). Depending on interface and scanner type.
Shuttle$^+$ DC input	5.2 Vdc

Interfaces

Ethernet (standard)	Ethernet 10/100 Base – T interface.
Power over Ethernet	PoE IEEE 802.3af (optional).
WiFi	802.11 b/g/n using an optional mini-PCI card,WAP encryption (WPA – 1, WAP – 2 personal & enterprise). (optional)

Scanner Characteristics

Light source	Visible laser diode (650 nm) or red LED.
Depth of field	200 mm (= maximum reading distance).
Scan pattern	Omni – directional or single line.
Scan rate	Omni – directional laser scanner: 1350 scans/sec. CCD scanner: 270 scans/sec.
Barcode types	EAN/UPC/JAN + Add-on, Code 128, EAN 128, Code 39, Code 93 (+ full ASCII), Code 32, Codabar, Interleaved 2/5, GS1 Databar, ISBN.

Others

External connection	AUX port (RS-232) for connection of a handheld scanner.
Audio	Speaker

Software tools

- Easy to use configuration and remote firmware update tool (tftp) or using your web browser for smooth unit set-up.
- Loads of software examples, including free source code of a complete (demo) application with Ethernet driver to get the SG – 15^{Plus} connected to any local database in no time at all (by the system integrator).
- Simple "five minute set-up" demo tool.

Environmental

Operating Temp 0°C – 40°C Humidity 20%..95% RH. (non condensing)

Regularity of Compliance

CE, FCC and RoHs. $C\epsilon$

CE, FCC and RoHs compliant $C\epsilon$