



## SG-15<sup>Plus</sup>



## Introduction

### *The dedicated Price Verifier*

The Shuttle<sup>+</sup> SG - 15<sup>Plus</sup> is an entry level, small and attractive price checker. The Shuttle<sup>+</sup> 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<sup>+</sup> 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.

## 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 SG – 15<sup>Plus</sup>.

## 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 <sup>+</sup> 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.
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Audio	Speaker
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### Software tools

- Easy to use configuration and remote firmware update tool (fftp) 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<sup>Plus</sup> 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. 

Due to ChampTek's / Scantech ID's continuing product improvement programs, specifications and features are subject to change without notice.