



## SCANTECH ID SG-15<sup>Colour</sup>

### Price Verifier

SCANTECH ID<sup>®</sup>  
CHAMPEK Group

### Introduction

The Shuttle SG-15<sup>Colour</sup> 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.

It built in 2 standard price checking applications as your selection. One is the colorful and rich content web-based price checker which is easily to setup a browser-like connection to an http web server, and the other is the mono-chrome white text display on blue background text-based price checker.

There is a choice of bar code scanners between the entry level single scan line CCD scanner, the high performance 24 scan lines omni-directional laser scanner and most popular 2D barcode scan engine, especially to read barcodes on a mobile device.

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<sup>plus</sup> 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: Laser Omni/CCD Single Line/2D imager
- Choice of Interface: Ethernet/WiFi/Power over Ethernet
- +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 Platform | Standard Linux (Kernel > 3.0)                     |
| Memory Flash       | 8GB, expandable with USB flash drive and uSD card |
| 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                    |
| LAN port<br>10/100MB                        | x1                    |
| Power Over Ethernet                         | Optional              |
| Entry/Exit Gate<br>Control Function<br>GPIO | Optional (2-pin conn) |

### • Network Interface

|              |  |
|--------------|--|
| Wired LAN    | * Ethernet :100MB Base-TX/10MB Base-T(802.3) standard on board<br>* Power over Ethernet IEEE 802.3 af optional |
| Wireless LAN | 802.11 a/b/g/n/ac 2.4G/5GHz  |
| 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<br>(Scantech 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%  
\*CCD Scanner:  
Smart detect up to 500 scans/sec  
\*2D Imager:  
White light LED.  
Resolution: 1280 (H) x 800 (V) pixels.  
FOV: 55° (H) x 35° (V)

#### 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.  
\*CCD Scanner:  
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 Imager:  
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      | +5V/2A PSU or Power over Ethernet(IEEE802.3af)                         |
| Power Consumption | 3-5Watt (5Vdc, 580~1050mA) Depending on<br>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 



Zapraszamy do kontaktu!  
Więcej informacji: [www.kreski.pl](http://www.kreski.pl)

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#### SCANTECH-ID BV

Heliumweg 34a 3812 RE Amersfoort, The Netherlands  
TEL: +31 (0) 33 4698400 FAX: +31 (0) 33 4650615  
[www.scantech-id.com](http://www.scantech-id.com)

#### CHAMPTEK INC.

1/F, No.4, Alley 2, Shih-Wei Lane, Chung-Cheng  
Rd., Xindian Dist., New Taipei City 231, Taiwan  
TEL: +886-2-2219-2385 FAX: +886-2-2219-2387  
[www.champtek.com](http://www.champtek.com)

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