Shuttle ᶜ

SCANTECH ID SG-15 ^{Colour}
Price Verifier

SCANTECH ID ®
CHAMPTEK Group

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 CCD 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 exibility of installation is enhanced by the optional Power-over-Ethernet. The three available standard colours greatly help to t most interiors.

Features

- Driven by Linux OS
- 3.5" colour display
- Compatible with SG-15Plus
- Self detection and conguration 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 conguration 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	4GB, expandable with USB ash 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 10/100MB	x1
Power Over Ethernet	Optional
Entry/Exit Gate Control Function GPIO	Optional (2-pin conn)

Network Interface

Wired LAN	Ethernet :100MB Base-TX/10MB Base-T(802.3) standard on board 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 (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 eld, 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:** Visible Red light 650nm Scan rate:200 scans/sec auto adaptive in linear mode, 56 images/sec auto adaptive 2D mode. Resolution: 752 Hor. X 480 Vert. pixels, 256 gray levels.
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 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 CE

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