

QubePos®

SHUTTLE SG-15^{Colour}

Price Verifier



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 flexibility of installation is enhanced by the optional-over-Ethernet. The three available colours greatly help to fitmost 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: 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 stard web browser.

Colour

Specification

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System Architecture	
Processor	ARM Cortex-A7 Dual-Core
Operating Platform	Standard Linux (Kernel > 3.0)
Memory Flash	4GB, 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 10/100MB	x1
Power Over Ethernet	Optional
Entry/Exit GateControl 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 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: 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

*Due to Qube Apps Solutions continuing product improvement programs, specifications and features are subjected to change without prior notices.



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