

Connecting Shoppers to Right Product



Touch Screen



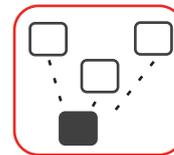
Multimedia



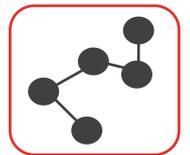
High Quality
Speaker



Compact Disk



Easy to Deploy



Networking Option

Overview

Pegasus PC-500 is a high-quality and multifunctional information terminal, combining all functions of a compact kiosk system and classic price-checker. The information terminal comes with touch screen and multi-media features, such as sample music listening, watching the promotion video, and help customers to find/receive information and product pricing easily. The convenience provided by **Pegasus PC-500** can enhance customer satisfaction, improve sales volume and reduce operational costs.

Features

- ▶ Self-service **Pegasus PC-500** with touch screen and media display function.
- ▶ Easy to deploy and map out digital promotion image/video media.
- ▶ The rotatable scanner can be tilted upward and downward within a 30° range for the best user convenience.
- ▶ Omni Directional Laser Scanner and 2D Imager available.
- ▶ Networking options: IEEE 802.11 B/G/N 2.4 GHz and Power over Ethernet support.
- ▶ Built-in Web Server for user friendly access to remotely configure, diagnosis, monitor and troubleshoot devices.
- ▶ Developer SDK Software Suite support with example Source Code.
- ▶ Entry/Exit-Gate control function support (option).
- ▶ Expandable — can easily build on by adding third-party USB/RS232 peripherals, including printers, magnetic stripe readers, keyboards and more.

System Architecture

Processor	Super RISC Processor 400MHz
Operating Platform	Standard Linux 2.6 Kernel or WinCE 6.0
Memory Flash	256 MB, expandable with USB flash Drive and SD card
Memory RAM	128 MB

Output Media

Display	5.7" diagonal
Brightness	400 nits
Resolution	640 x 480 pixels(65.535 colors)
Touch Screen	Resistive type
Graphics Supported	PNG, JPEG, GIF, BMP
Audio Supported	WAV, WMA, Mp3
Video Supported	MPEG-4, H.264
Audio Ports	High Definition Stereo
Loud speakers	High Quality loudspeakers for superior audio performance
Headphone	3.5 mm standard jack

Data Ports

SD Card Slot	x 1
USB 2.0	x 2 (back compartment) x 2 (side compartment)
LAN port	x 1
10/100 MB	
Audio port	x 1 (Option)
RS-232 port	x 1 (+5V DC Power)
Power Over	Optional
Ethernet Module	
Entry/Exit Gate	
Control Function	Optional (2-pin conn)
GPIO	

Network Interface

Wired LAN	<ul style="list-style-type: none"> Ethernet: 100MB Base-TX/10MB Base-T (802.3)standard on board Power over Ethernet IEEE 802.af optional Two network LED indicators in the LAN connector
Wireless LAN	Through USB Wi-Fi stick (ex factory or Scantech validated) 802.11 B/G/N 2.4 GHz
Encryption Protocols	WPA, PSK and WPA Enterprise security

Physical

Dimensions (H x W x D)	193 x 176 x 85 mm (7.6" x 6.9" x 3.3")
Weight	0.9 kg (2 lb)
Dual Mounting Options	Wall mount with 2 screws (Scantech SG-15 compatible) and VESA 75mm bracket mounting

Data Input

Omni Directional Laser Scanner: High Speed, hi sensitive and omni-directional scanning. Reading of fragmented bar codes. Visible laser diode 635 nm. Scan pattern: 6 direction scan field, 24 lines.

Scan rate: 2000 scans/sec
Up to 300 mm @ UPC/EAN 100%, PCS 90%

or:

2D Imager :

Visible Red light 650nm

Scan rate: 200scans/sec auto adaptive in linear mode, 56 images/sec auto adaptive

2D mode.

Resolution: 752 Hor. X 480 Vert. pixels, 256 gray levels.

Scanner Possibilities

Omni Directional Laser Scanner: EAN/UPC/JAN + Add-on, ISBN, Code 128, EAN 128, Code 93, Code 39, Code 32, Codabar, Interleaved 2 of 5, MSI-Plessey and GS1 DataBar.

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, TLC 39

2D Symbologies: Datamatrix, Matrix 2 of 5, Maxi 2 of 5, MicroPDF417, PDF417, Maxicode, QR code

Symbologies Supported

Scan Pattern Orientation

The Scanner can be adjusted over an angle of 30° and locked with steps of 5°

Power Requirements

Power Supply	Voltage +12 VDC ± 10% / 1.5A
Power Consumption	Nominal: less than 1000mA @ 12VDC

Environmental

Operating Temperature	0° ~ 40°C (32° ~ 104°F)
Storage Temperature	-20° ~ 60°C
Humidity	(-4° ~ 140°F)
	Humidity 5% ~ 95% RH (non-condensing)

Regulatory

Electrical Safety	CE EN 60950-1
Laser Safety	CDRH 21 CFR part 1040 IEC825 Class 1 IEC60825 Class 1
BMI/RFI	CE EMC 2004/108/EEC