



Product Overview

PDSB 102 is an ARM® Cortex-A8 RISC MPU based entry-level digital signage player pre-loaded with user-friendly digital signage software, the PowerDigiS, targeting for advanced digital signage applications. PDSB 102 is enclosed in a compact chassis and can be easily integrated into display devices, such as LCD TV or PDP at site installation with dual HDMI display output, Giga LAN and WLAN support. PDSB 102 is capable to layout display into multiple rectangle zones and play rich multi-media contents on each zone in accordance with user defined schedule table. This makes the PDSB 102 work perfect for increasing digital signage applications within retail outlets, department store, entertainment venues, restaurants, hotels, bus/train station, schools/universities and hospitals for dynamic message delivering, digital menu board, advertising, or brand promotion.

Presentation Design Tool

The presentation design tool is one of the most valuable parts of the PowerDigiS software. It helps digital signage content creator on intuitive operations to ease the output of presentation to the player. The tool provides quick screen layout design function. The screen layout can be saved as template for reuse. The tool provides an easy drag and drop method to organize contents in playlist and associate playlist to each zones in the screen layout. The tool provides handy preview function for individual content files and final presentation. The presentation design tool also integrates easy upload function to publish presentation design to removable media, central management server, or player.

User's Benefits

- Seamless hardware and software integration for operation reliability
- Flexible display configuration
- Presentation design is simple and intuitive
- Presentation publish and scheduling is easy
- Presentation content support is rich and versatile
- Self-contained device for easy deployment

Software Specifications

Content Source

- Local disk or network server

Video File Format

- MPEG 4, H.264, VC-1

Picture File Format

- JPG, BMP, PNG, ICO, ICP, GIF, TIFF, WMF

Sound Format

- AAC, MP3

Screen Support

- Single display, two clone displays, or two expanded displays, or two independent displays
- Portrait or landscape orientation
- Presentation can be segmented to different screen layouts
- Up to 4 zones in each screen layout

Playing Effect

- Scrolling text and emergency message
- Multiple languages

Content Throughput

- Videos, pictures, and scrolling text zones

Management Function

- Web-based management with password access control
- Multilingual management interface
- Presentation management
- Presentation scheduling
- Presentation play/pause/stop control function
- System reboot, shutdown, firmware upgrade

Presentation Design

- Presentation layout and playlist editing function
- Presentation and content file preview function
- Presentation publish function

Operating System

- Ubuntu Linux

Hardware Specifications

Storage Device

- 1 x SATA 3.0 connector
- 1 x 4-pin + 1 x 2 pin SATA power connector
- 1 x microSD socket

I/O Interface

- 2 x HDMI
- 2 x USB 2.0
- 1 x RJ45 with LED, Gigabit LAN port
- 1 x RJ45 for RS-232
- 1 x Line-in
- 1 x Line-out

Power Supply

- 1 x External +12V DC output 40W
- 2.5mm DC Power Jack
- Output : +12V DC

Dimensions

- 179.9mm (W) x 114.9mm (D) x 37.5mm (H) w/o mounting bracket

Environment

- Operating temperature : @100% CPU loading and component thermal profile : 0°C to 50°C
- Storage temperature : -40°C to 80°C
- Humidity : 95% (non-condensing)

Certification

- CE approval
- FCC Class A

Ordering Information

- PDSB 102 (P/N : 10B00B10200X0)