



## System Overview

NEXCOM's PowerDigiS Series is a cost effective yet high-performance media player appliance designed to address a broad spectrum of digital signage applications. PDSP 0810 is an AIO (all-in-one) digital signage appliance housed in a small chassis with inbuilt 8.9" 16:9 LCD display. It is capable of playing HD 720p video and variety of multimedia contents, including still, animated image, scrolling text, web page, and RSS news feed. With external VGA output port, 2 GbE LAN, USB and RS232 serial port, PDSP 0810 can flexibly extend its usage to wide range of applications. Based on the energy-efficient and fan-less design, PDSP 0810 is made for ultra-reliable long-term operation.

Preloaded with feature-rich PowerDigiS digital signage software, PDSP 0810 is a powerful tool which enables designer to target specific audiences with imaginative and vibrant content. As such, PDSP 0810 can be deployed in a wide variety of applications such as shelf signage, facility guidance, and advertising in hospitality, retail, education, healthcare and transportation.

## PDS Presentation Design Tool

Presentation Design tool is one of the most valuable parts of the PDS system. It helps content creator on intuitive operations to generate presentation. Content files are automatically categorized by media type. The tool provides screen layout template design function and it can be saved for reuse. The tool also provides an easy drag and drop method to organize contents to playlist and associate playlist to each zones. Meanwhile, the tool provides preview function for content files and final presentation. Finally, the tool integrates easy upload function to publish presentation to media player over network.

## User's Benefits

- Integrated and optimized design for reliability
- Quick presentation layout and reuse
- Easy operation over local LAN and Internet
- Scalable and flexible content distribution
- Variety video and audio types support
- Save manpower on device deployment

## Software Specification

### Video File Format

- MPEG1/2, MPEG4, AVI, WMV, SWF

### Picture File Format

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

### Sound Format

- WAV, SND, MP3, M4A

### Web / Data

- Web link & Text files
- RSS news

### Life Video

- Optional Digital/Analog TV channel

### Content Source

- Local disk or remote server

### Screen Support

- Up to 2 screens working as 2 independent screens, 2 clone, or combined into one extended screen
- Portrait or landscape orientation
- Up to 9 zones in 1 screen layout

### Playing Effect

- Scrolling text and emergency message
- Image transition effect
- Presentation can be segmented in different layouts
- Multiple languages
- Picture wall function

### Auto Recovery

- Auto recover system from lockup

### Content Throughput

- 1 HD video zone, or 2 shockwave flash zones
- Multiple pictures and scrolling text zones

### Management Function

- Web-based management with password access control
- Multilingual management interface
- Presentation management
- Presentation scheduling
- System event log
- Presentation playing log
- 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

- Windows XP Embedded

## Hardware Specifications

### Main Board

- Intel® Atom™ N270 1.6GHz CPU onboard

### Main Memory

- 1 GB memory

### Storage

- 160GB HDD

### Display

- LCD panel 8.9", 16:9  
Resolution: WSVGA, 1024x600
- Optional touch screen

### External I/O port

- 1 x VGA port
- 1 x audio line-out port
- 2 x RS232/422/485 COM port
- 4 x USB 2.0 port
- 2 x GbE LAN port

### Expansion

- Optional TV tuner, or WLAN module

### Dimensions

- 225mm (W) x 53.9mm (D) x 139mm (H)
- Weight: 1.41 Kgs

### Power Adapter

- 1 x External 80W AC/DC power adaptor (In: 100VAC ~ 250VAC. Out: 12VDC)

### Environment

- Operating Temperature: 0 to 40°C
- Operating Humidity: 5%~90% relative humidity, non-condensing
- Storage Temperature: -20 to 75°C

### Certifications

- CE approval
- FCC Class A

## Ordering Information

- **PDSP 0810 (P/N: 10B0P081000X0)**