



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 2210 is an all-in-one digital signage appliance housed in a slim chassis with inbuilt 21.6" 16:9 thin boarder LCD display. It is capable of playing full HD 1080p 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 2210 can easily extend its usage to wide range of applications. Based on the energy-efficient and fan-less design, PDSP 2210 is made for ultra-reliable long-term operation.

Equipped with feature-rich PowerDigiS digital signage software, PDSP 2210 is a powerful tool which enables designer to target specific audiences with imaginative and vibrant content. As such, PDSP 2210 can be deployed in a wide variety of applications such as public messaging, information sharing, 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, AVC/H.264

Picture File Format

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

Sound Format

- WAV, SND, MP3, M4A

Web / Data

- Web link & Text files
- RSS news

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

- Two HD video zones, or one full HD zone, or 2 shockwave flash zones
- Multiple Picture 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

Main Memory

- 1 GB DDR2

Storage

- 160GB HDD

Display

- TFT LCD panel 21.6", 16:9
Resolution: 1920x1080
- Optional touch screen

Audio

- 1 x line-out

External I/O port

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

Dimensions

- 508mm (W) x 53.9mm (D) x 301mm (H)
- Weight: 6 Kgs

Power Adapter

- 1 x External 84W 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 2210 (P/N: 10B0P221001X0)**