



Product Overview

PowerDigiS PDSV series is range of dedicated digital signage player designed to address a broad spectrum of digital signage applications for in-vehicle working environment.

PDSV 2100 is an Intel® Atom™ D410 based digital signage player pre-loaded with user-friendly digital signage software, the PowerDigiS, targeting for entry-level in-vehicle digital signage applications. PDSV 2100 is enclosed in a compact chassis with low power consumption and is with special design to withstand high vibration, extreme temperature variation, and dynamic power supply voltage vehicle working environment. PDSV 2100 is capable to layout display into multiple rectangle zones and play rich multimedia contents on each zone in accordance with user defined schedule table. Integrated with state-of-art power ignition function, GSP, and optional 3.5G radio network connectivity, PDSV 2100 works perfectly for increasing digital signage applications for dynamic message delivering, advertising, or brand promotion within vehicle cabin, such as train, bus, taxi, or subway.

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 Specification

Content Source

- Local disk or network server

Video File Format

- MPEG1/2, AVI, VOB, MOV, WMV, VC-1, H.264

Flash File Format

- SWF

Picture File Format

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

Sound Format

- WAV, SND, MP3, M4A

Web/Data

- Web URL
- Text files
- RSS news feed

Screen Support

- Single display, or up to three clone displays
- Portrait or Landscape orientation
- Presentation can be segmented to different screen layouts
- Up to 9 display zones in each screen layout

Playing Effect

- Scrolling text and emergency message
- Image transition effect
- Multiple languages

Content Throughput

- Up to 1 x HD video zones or 1 x shockwave flash zone
- 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

CPU

- Intel® Atom™ ND410 1.66GHz, 512KB L2 Cache

Main Memory

- 1GB DDR2 SDRAM

Storage Device

- 160GB SATA HDD

I/O Interface

- 1 x LVDS, 2x DB15 VGA
- 1 x Audio line-out
- 3 x USB
- 1 x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 3 x DB9 for RS-232

Expansion

- 1 x GPS module
- Optional Bluetooth module
- 2 x Mini-PCIe sockets for optional WLAN GPRS/ 3.5G module

Power Supply

- Input: +9-60VDC
- Output: +5V/+12VDC
- Programmable low voltage protection
- Programmable 8-level Power On/Off delay time

Dimensions

- 175.2mm (W) x 248.8mm (D) x 47mm (H)
(6.9" x 9.8" x 1.9") w/o mounting bracket

Environment

- Operating Temperature: Ambient with air flow from -10 to 45°C
- Storage Temperature: -20 to 80°C
- Humidity: 10 to 90% (Non-condensing)

Certification

- CE approval
- FCC Class A
- e13 Mark

Ordering Information

- PDSV 2100 (P/N: Coming Soon)**
Intel® Atom™ D410 1.66GHz processor, 1GB DDR2, GPS module and GPS antenna
- Optional Accessories**

Part No.	Description
10VK0006006X0	VTK60-WLAN-02, MINI-PCIe WLAN KIT (QCOM Q802XKN, W/ANTENNA & CABLE)
10VK0006000X0	Sierra MC8790V, GPRS/UMTS/HSDPA, w/internal cable and antenna. with packing
10Z00330200X0	NAK 3302, GSM/GPRS Mini-PCIe module