

# 37" Digital Signage Panel PC

PKDS3002



The Digital Signage Panel PC series is cost effective yet high performance all-in-one digital signage display designed to address a broad spectrum of digital signage applications. The 37" Digital Signage Panel PC is an Intel® Atom™ N270 based digital signage player with built-in high quality 37" 16:9 LCD display pre-loaded with user-friendly digital signage software, targeting for entry-level digital signage applications. The 37" Digital Signage Panel PC is a self-contained digital signage display and player device enclosed in a compact chassis with low power consumption. The 37" Digital Signage Panel PC 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 37" Digital Signage Panel PC 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, advertising, or brand promotion.



## Presentation Design Tool

The presentation design tool is one of the most valuable parts of the Digital Signage 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.

### Applications

- Retail outlets
- Department stores
- Entertainment venues
- Restaurants
- Hotels
- Bus/train station
- Schools/universities
- Hospitals

### User's Benefits

- Integrated Panel PC with Impressive cost-performance ration and reliability
- Quick presentation layout and reuse
- Easy content management over local LAN and Internet
- Content deployment strategy support with scalability and flexibility
- Variety video and audio types support
- Save manpower on device deployment

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### 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 two 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 2x HD video zone, or 1x Full HD video zone, or 1x 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 Specification

#### CPU

- Intel® Atom™ N270 1.6GHz, 512KB L2 Cache

#### Main Memory

- 1GB DDR2 SDRAM

#### Storage

- 160GB HDD

#### Display

- TFT LCD panel 37", 16:9
- 1.920 x 1.080 resolution
- Optional TouchScreen

#### I/O Interface

- 1x DB15 VGA
- 1x Audio line-out
- 2x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 2x USB 2.0 ports
- 2x DB9 for RS-232

#### Power Supply

- 1x External AC/DC adapter
- Input: 100 to 240VAC
- Output: +12VDC

#### Dimensions

- 950 x 95 x 580 mm (W x D x H)

#### Environment

- Operating Temperature 0°C to +40°C (ambient with air flow)
- Storage Temperature -20°C to +75°C
- Humidity 10% to 90% (non-condensing)

#### Certifications

- CE approval
- FCC class A

### Ordering Information

PKDS3002 37" Digital Signage Panel PC  
Intel Atom N270 1.6GHz, 1GB DDR2 SDRAM