

PRVIN4K

Video Concentrator

The IN4K is a high performance video wall processor that offers a compact solution for connecting 4 Full HD external video sources along with multiple networked IP video streams or remote desktops for display on a single Ultra HD 4K display or 4 x Full HD 1080P display wall typically located in enterprise lobby or meeting rooms. This mini-computer platform is compact and fits into small spaces.



Ideal for applications that require display of multiple external visual sources, connected via HDMI digital interface or wired/wireless IP (including BYOD – bring your own device), and present them at any window size and location over the screen. The IN4K can be used also in signage applications in shopping malls, sport bars, airports or for visual collaboration and video conferencing in enterprise meeting rooms.

The compact innovative platform provides cost effective solution with easy to use drag and drop management GUI when bundled with PRV's video wall application software.

Highlights

- Compact form factor
- Ultra-HD 4K or 4x Full HD displays
- 4 Full HD HDMI or 8 PAL/NTSC inputs
- IP/RTSP Video streaming and decoding
- Remote Desktop display (IP)
- Based on Windows 7 embedded, 64bit OS
- High performance i5/i7 & HD 6400 graphics
- Mini Display Port 1.2 mst, mini HDMI 1.4a
- Drag & drop & snap to Grid user control
- Intuitive setup and control
- PC/Tablet (touch) remote control
- Open XML API for 3rd party integration

Features

- Intel 4th Gen. i5/i7 processor
- 4GB DDR3@ 1600MHz
- 80GB SSD Storage
- Wi-Fi AP
- GbE LAN (RJ45)
- 2 x USB3.0 ports
- Dimensions - TBD
- Weight – 2.5 Kg
- Operating Temp – 0-40 °C

Technical Specifications

Output

- 4K Ultra HD (HDMI, DP)
- 4x Full-HD (DP MST)
- MiniDP 1.2, mHDMI 1.4a

Inputs

- 4 x full HD HDMI - 1920 x 1080 @ 60fps
- 8 x Composite video - 30/25 fps NTSC/PAL
- Video over IP (GbE)
- VNC, Remote Desktop over IP
- WiFi
- Miracast/WiDi (wireless display)
- Video decoding - MP-4, H264, VC1
- 2 x USB-3
- Wireless mouse/keyboard

PRV's Video Wall Application Software

The video wall application software provides complete configuration and control of the visual information being received, processed and displayed on the wall. It enables drag & drop source selection, content rendering into any displayed window, layout selection and configuration.

The software can be accessed locally via the wall display or remotely through the network from remote client on a connected Windows PC/Tablet. In addition, SDK and XML APIs, enable easy integration with 3rd party control systems.

NOTE: This preliminary Specification may change without notice. The actual product to be sold may be different in form factor and functionality. Please check the final detailed Specification with PRV customer support.