

# PixelNet Domain

## Control Release Notes

PDC 1.4.0

14 March 2011

A-900-011-02, Rev. N

- **New Features**

- Remote cursor control in multiple-wall environment. Multiple Remote Cursor Clients can access different walls, but only one client at a time for each wall.
- Dynamic Sources (increased functionality without the need to edit and reload wall configuration):
  - Input Node Dynamic Sources allow newly discovered nodes to be used
  - SVS Dynamic Sources (created and deleted through the PDC API) allow newly discovered streams videos to be played at run time.
- PDC API:
  - Allows wall-related commands (.e.g, "LoadLayout") without the need to call "ActivateWall" command first.
  - Set of commands to work with Dynamic Sources.
- Language support for Simplified Chinese.

- **Increased Functionality**

- New firmware for DVI, DVI-KVM, and HD Component Input Nodes.
- Improved cropping control in Quad SD node.
- Automatically reset of Teammate Output if internal processing failure is detected.

- **Limitations**

- If quickly changing layouts with numerous Multicast Windows, it may take a few minutes for the new Multicast Windows to be visible.
- The smallest window that can be created is 32x32 pixels. When in Picture-In-Picture mode, ensure that window segments created in either dimension are not less than 32 pixels. Also, down scaled windows are limited to a factor of 32, e.g., the smallest window that can be created from a 1920x1080 source is 60x34 pixels.
- The Audio Output node does not limit levels, so the user should be careful to reduce output volume in PDC to prevent clipping of the signal at the receiver. Also, the Audio Output node does not yet support AES capability.
- Depending on source and display resolution, if both streams from a single input node are different sizes and the streams are displayed with other windows on a single output node, the streams might show reduced frame rate.