

# ICP-9401



## Four Window Multi-Window Processor

The IDK ICP-9401 Four Window Multi-Window Processor enables the simultaneous display of up to four images on one screen with any layout.

The ICP-9401 can also be used as a 5 digital (HDMI) and 4 analog inputs truly seamless presentation switcher, using cut, dissolve, and wipe switching effects (while not using multi-window).

### FRONT & REAR PANEL



### FEATURES

- Video:**
  - Up to QWXGA (RB)\* or 1080p      \*(RB) = Reduced Blanking
  - **Front panel LCD menu for setup and signal status check**
  - **Truly seamless switching (while not using multi-window)**
  - **Aspect ratio control**
  - **Anti-snow**
- Audio:**
  - Volume adjustment
  - Lip sync
- Image Combining:**
  - Simultaneous monitor of four images on a single screen
  - Picture-in-picture adjustments
    - Window background color
    - Window monitor priority
    - Window monitor ON/OFF
    - Window positioning & sizing
  - Monitors window border & color selection
  - Monitors window title character
  - **Cut/fade switching effects**
- Others:**
  - EDID emulation
  - Audio breakaway enables independent audio and video switching
  - Combination and layout pattern memory
  - **Connection Reset**
  - Front panel security lockout
  - Internal test patterns for calibration and setup

2016-04

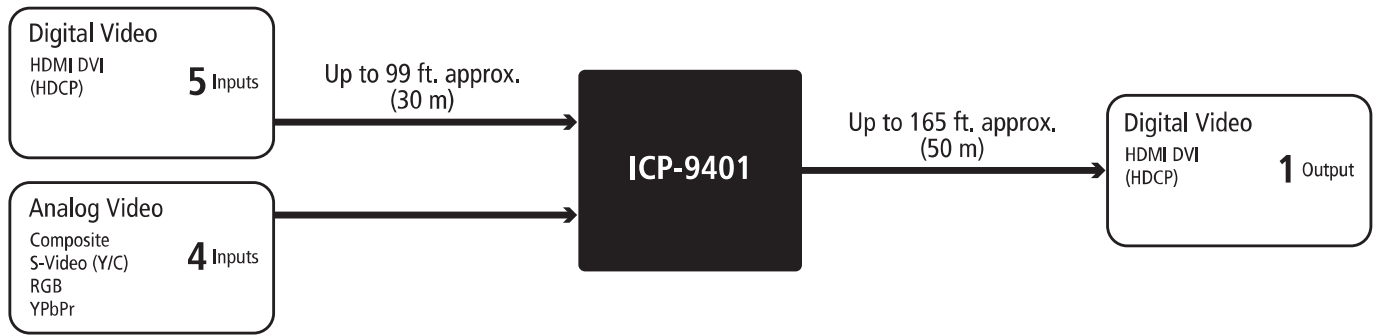
Ein Vertriebsprodukt von / Distributed by:

**VIDELCO** Europe Limited – Professionelle Audio-, Video-, Medien-Technik

Telefon: +49 (0)2102 / 86 39-00 • Fax: +49 (0)2102 / 86 39-17 • info@videlco.eu • www.videlco.eu



## CONNECTION DIAGRAM



## SPECIFICATIONS

Input	Video	Digital	Number / Signal Connector	5 inputs / HDMI, DVI 1.0 (HDCP) TMDS Single Link, HDCP, TMDS clock: 25 MHz to 225 MHz 5 female HDMI Type A
		Universal Analog	Number / Signal Connector	4 inputs / Composite video, S-Video, Analog RGB / Analog YPbPr (auto-recognition) 4 female 15-pin HD
		Formats		NTSC/PAL 480i / 480p / 576i / 576p / 720p / 1080i / 1080p VGA to QWXGA: Dot clock 25 MHz to 165 MHz (VGA to QWXGA) * WUXGA / QWXGA: Reduced Blanking
		Others		Built-in Digital Cable EQ, EDID emulation
	Audio	Digital	Number / Signal Connector	5 inputs / Linear PCM 2 channels Sampling frequency: 32 kHz to 192 kHz, Sample size: 16 bit to 24 bit * IN1 to 5: can be selected digital or analog audio. 5 female HDMI Type A
		Analog	Number / Signal Connector	9 inputs / Stereo LR unbalanced signals * IN1 to 5: can be selected digital or analog audio. 9 RCA pin jack
Output	Video	Digital	Number / Signal Connector	1 output / HDMI, DVI 1.0 (HDCP) TMDS single link 1 female HDMI Type A
		Others		Built-in Digital Cable EQ
		Formats		480i / 480p / 576i / 576p / 720p / 1080i / 1080p VGA / SVGA / XGA / WXGA (1280x768) / WXGA (1280x800) / Quad-VGA / SXGA / WXGA (1360x768) / WXGA (1366x768) / SXGA+ / WXGA+ / WXGA++ / UXGA / WSXGA+ / VESA1080 / WUXGA * VESA1080 / WUXGA: Reduced Blanking
	Audio	Digital	Number / Signal Connector	1 output / Linear PCM 2 channels Sampling frequency: 32 kHz to 192 kHz, Sample size: 16 bit to 24 bit 1 female HDMI Type A
		Analog	Number / Signal Connector	1 output / Stereo LR unbalanced signals 1 RCA pin jack
		Lip Sync		Up to 8 frames
Functions	Analog video processing unit			3D Y/C separation
	Scan Converter			Aspect ratio control, Picture adjustment, Truly seamless switching (while not using multi-window)
	Others			Combines images, Combination pattern memory, Volume adjustment, Audio breakaway enables independent audio and video switching, Cross-point memory, Preset memory, Last memory, Anti-snow, Connection Reset, External control (32 commands) commands, Front panel security lockout
External control	Serial control port	Number / Signal Connector		2 ports / RS-232C 2 male 9-pin D-Sub
	LAN control port	Number / Signal Connector		1 port / 10Base-T (Auto Negotiation), 100Base-TX (Auto Negotiation), Auto MDI / MDI-X 1 RJ-45
	Command outputs to external device			RS-232C, LAN, CEC (controls power of display), PLink (class1)
Others	Power			100 - 240 VAC ± 10%, 50 Hz / 60 Hz ± 3 Hz
	Power consumption			About 46 Watts
	Dimensions			16.93(W) × 3.46(H) × 13.78(D)" approx. (430(W) × 88(H) × 350(D)mm) (EIA rack 2U, not including projections)
	Weight			12.13 lbs. approx. (5.5 kg)
	Temperature			Operating temperature: 32°F to 104°F (0°C to +40°C) Storage temperature: -4°F to +176°F (-20°C to +80°C)
	Humidity			Operating / Storage humidity: 20% to 90% (Non Condensing)