



Thumbnail previewer
PRV-100

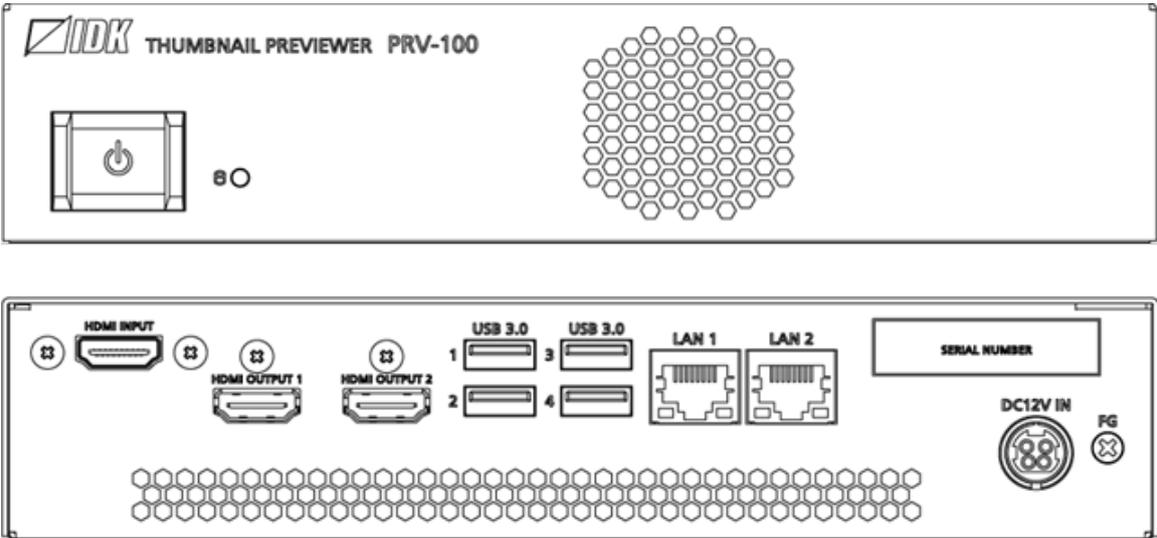
The PRV-100 creates and displays thumbnails for previewing HDMI input signals, and it encodes video signals into H.264 format and streams the encoded video. Unicast and multicast transmission are supported.
The PRV-100 can be set and controlled from WEB browser.

■ Specification

Item		Description
Input		1
Output		1
Video	Input	Resolution Up to 1920x1080@60
	Output	Resolution Up to 3840x2160@30
Protocol		TCP/IP, UDP/IP, HTTP, ICMP, DHCP
Connectors	LAN	2 ports/RJ-45 10Base-T/100Base-TX/1000Base-T (Auto Negotiation), Auto MDI/MDI-X
	HDMI	1 input : Female HDMI Type A (19-pin) 2 outputs : Female HDMI Type A (19-pin) (*1)
	USB 3.0	4 ports: Female USB 3.0 Type A
Functions	Preview layout	Up to 128 layouts can be registered
	Thumbnail capture	Up to 100 images can be displayed Capture interval : 3 sec. to 600 sec. Capture format : .jpg
	Encode	Communication : Unicast, Multicast Coding standard : H.264 BP/MP/HP Bit rate : 8 Mbps Frame rate : Up to 60 fps Resolution : Up to 1920x1080 (*2)
General	AC adapter	Input : 100 - 240 VAC ±10%, 50 Hz/60 Hz ±3 Hz Output : DC 12 V 3 A 36.0 W (A dedicated AC adapter is provided)
	Power consumption	About 18 W
	Dimensions	8.3 (W) × 1.7 (H) × 5.9 (D)" 210 (W) × 44 (H) × 150 (D) mm (EIA 1U high, full rack wide) (Excluding connectors and the like)
	Weight	3.3 lbs. (1.5 kg)
	Temperature	Operating: 32°F to 104°F (0°C to +40°C) Storage : -4°F to +176°F (-20°C to +80°C)
	Humidity	Operating/Storage: 20% to 90% (Non Condensing)

*1 Two HDMI output connector cannot output signals simultaneously.
*2 The resolution of H.264 is limited to the resolution of the input video.

■ Front & Rear Panels

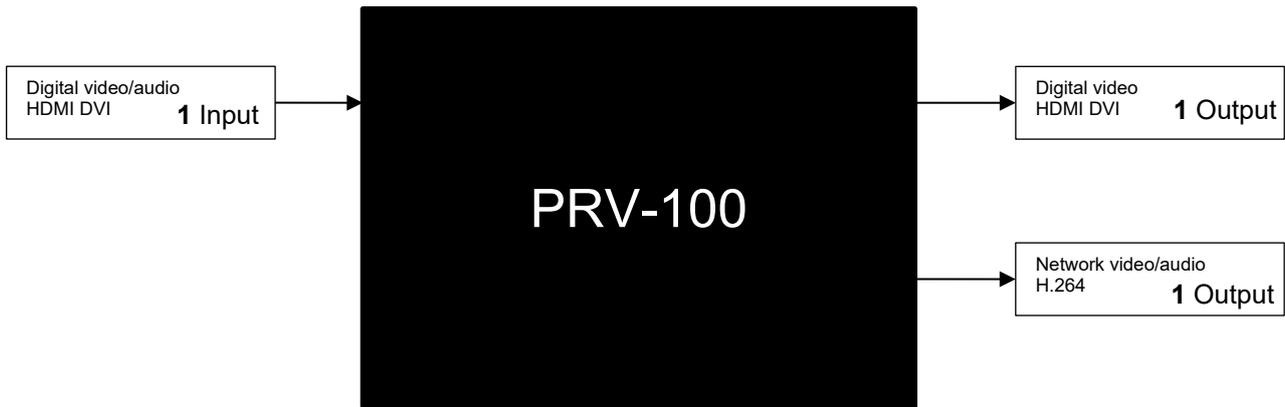


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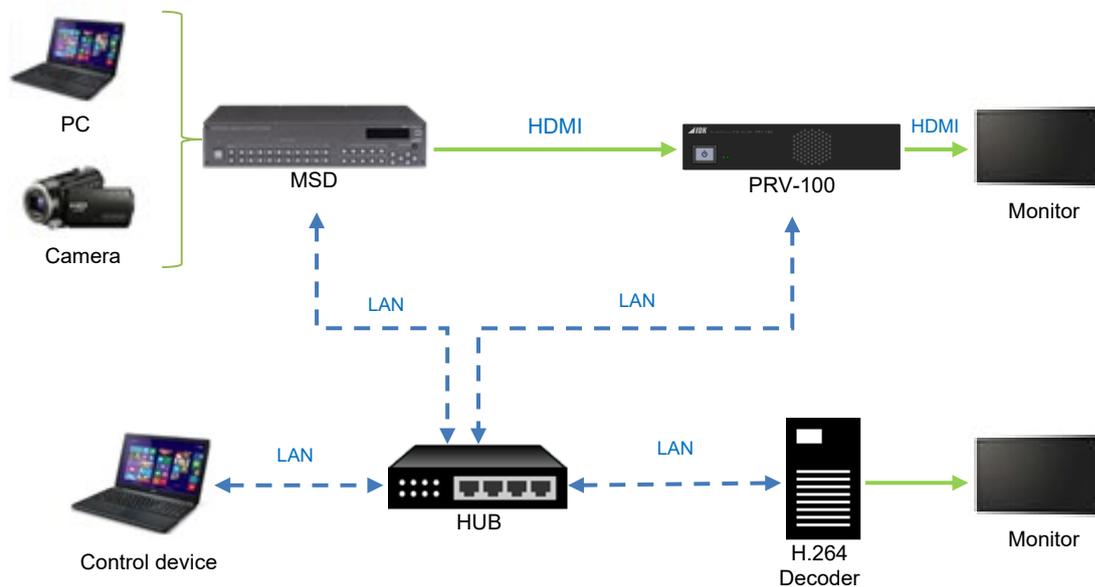


Thumbnail preview PRV-100

■ Diagram



■ Application example



[Features]

■ Thumbnail preview

- Capturing and viewing up to 100 video channels periodically
- Free thumbnail preview layout
- Up to 128 layouts can be registered

■ Encode

- H.264 encoder
- Unicast or multicast transmission

■ External control

- WEB browser control - No need to install software
- Images of multi sources can be checked on a single screen by using the PRV-100 with IDK's HDMI products

■ Others

- AC adapter with locking mechanism

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