



4K/HD TELESTRATOR

FVW-700/700-4K

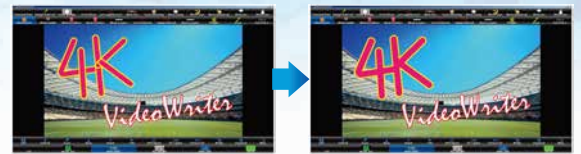
Finally, a full-featured telestrator for the 4K era

Annotate or draw on video using a touch-screen computer monitor or wirelessly connected tablet as operators check the point of insertion. Freeing operators from having to work at consoles, the system enables a variety of scenarios.



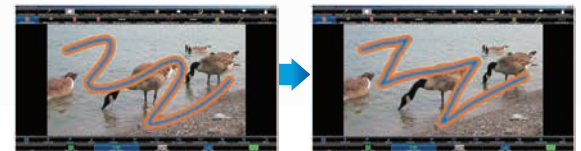
Edge joining

Using a more advanced edge-rendering algorithm, edges of lines drawn can be recognized as outlines of a larger shape and joined.



Automatic freehand formation

Improved automatic freehand formation with noise reduction (algorithm) allows smooth objects to be shaped, and sharp angles to be achieved.



Mosaic conversion for all drawing tools

Including freehand, polygon and others. Create free-form mosaics. Implemented with hardware processing for real-time operations, regardless of the area involved.



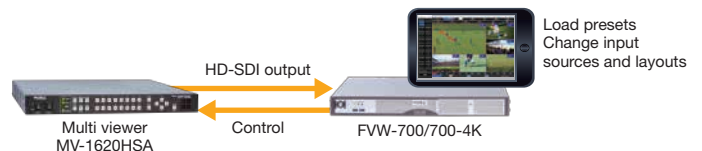
Chroma keyer

Draw objects that will only cover images of a specified color in the video. For example, specify green to avoid covering players with the objects operators draw. Delay line function available for HD-SDI output.



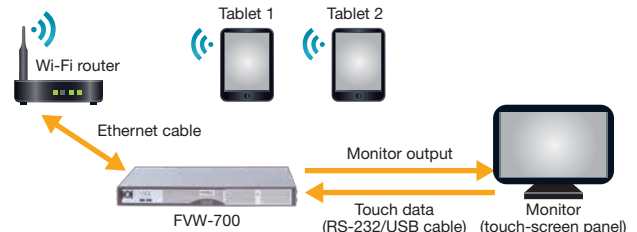
Multi viewer integration

Load presets on a multi viewer, change input sources, switch between full-screen and multi-window, and create a multi-source environment (optional).



Simultaneous input from multiple tablets

Control the telestrator wirelessly from multiple tablets running a dedicated app (optional). Allow multiple commentators to draw on the screen wirelessly.



Lineup

FVW-7SO HDMI model

Designed for HDMI output and ideal for presentations. Excellent cost-performance in a simple system that combines telestrator software and a video input device.

FVW-7SO TB2 model

Designed for SDI output. Conveniently portable and perfect on location. Compact, 1U half-rack unit connects to a notebook computer via Thunderbolt™ 2.

FVW-700 all-in-one model

Designed for SDI output. A 1U standalone unit for broadcast studios and cable TV stations

FVW-700-4K model

Designed for 4K output. Compact 1RU unit

FVW-7SO 4K model

Designed for 4K output. Workstation model

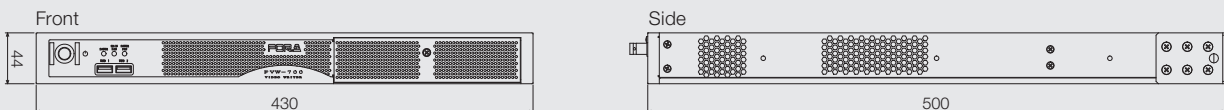
Specifications

Product model	FVW-7SO HDMI model	FVW-7SO TB2 model	FVW-700 all-in-one model	FVW-700-4K model	FVW-7SO 4K model
Video formats					
4K		No		3840 x 2160/59.94p or 3840 x 2160/50p	3840 x 2160/59.94p
3G		No		1920 x 1080/59.94p or 1920 x 1080/50p	No
HD	No	1920 x 1080/59.94i, 1920 x 1080/50i, 1280 x 720/59.94p, 1280 x 720/50p			1920 x 1080/59.94i
Video inputs					
SDI	4K	No		3G-SDI (3 Gbps), Level-A, 75Ω, BNC x 4 (1 channel), SQD/2SI supported	3G-SDI (3 Gbps), Level-A, 75Ω, DIN x 4 (1 channel), SQD/2SI supported
	3G	No		3G-SDI (3 Gbps), Level-A, 75Ω, BNC x 1	No
	HD	HD-SDI (1.5 Gbps), 75Ω, BNC x 1*1	HD-SDI (1.5 Gbps), 75Ω, BNC x 2*2	HD-SDI (1.5 Gbps), 75Ω, BNC x 1*2	HD-SDI (1.5 Gbps), 75Ω, BNC x 1
Video outputs					
SDI	4K	No		3G-SDI (3 Gbps), Level-A, 75Ω, BNC x 8 (2 channel), SQD/2SI supported	3G-SDI (3 Gbps), Level-A, 75Ω, DIN x 12 (3 channels), SQD/2SI supported
	3G	No		3G-SDI (3 Gbps), Level-A, 75Ω, BNC x 4 (4 channel),	No
HD	No	HD-SDI (1.5 Gbps), 75Ω, BNC x 6 (4 ch distributed in 1 ea.)	HD-SDI (1.5 Gbps), 75Ω, BNC x 4 (4 channels)		HD-SDI (1.5 Gbps), 75Ω, DIN x 12 (4 ch distributed in 8 ea.)
HDMI	HDMI output 1 to 3 (up to 3) HDMI input 1*3	No			
Genlock input	No	BB: NTSC: 0.429 Vp-p/PAL: 0.45 Vp-p or Tri-level sync: 0.6 Vp-p, 75Ω, BNC x 1, loop-through (to be terminated with 75Ω terminator, if unused)			
Monitor output	Determined by computer specifications		DisplayPort x 4 (DisplayPort 1.2 compatible)		
Interfaces					
ALARM	No	No	D-sub 9-pin (female) x 1 for power supply and fan alarm		Determined by computer specifications
SERIAL	No	No	D-sub 9-pin (male) x 1, RS-232C compatible		Determined by computer specifications
LAN	Determined by computer specifications		100BASE-TX/1000BASE-T, RJ-45 x 2		Determined by computer specifications
USB	Determined by computer specifications		USB 3.0 x 4 (2 on front, 2 on back)		Determined by computer specifications
Temperature	5°C to 35°C (determined by computer specifications)	0°C to 40°C (main unit)			5°C to 35°C (Determined by computer specifications)
Humidity	20% to 80% (no condensation) (determined by computer specifications)				
Power	100 V to 240 V AC ±10%, 50/60 Hz				
Consumption	Determined by computer specifications	42 VA (40 W) (at 100–120 V AC) 46 VA (40 W) (at 220–240 V AC)	130 VA (127 W) (at 100–120 V AC) 132 VA (110 W) (at 220–240 V AC)	180 VA (178 W) (at 100–120 V AC) 198 VA (182 W) (at 220–240 V AC)	Determined by computer specifications
Dimensions	Determined by computer specifications	212 (W) x 44 (H) x 350 (D) mm	430 (W) x 44 (H) x 500 (D) mm		Determined by computer specifications
Weight	Determined by computer specifications	3.0 kg	9.0 kg		Determined by computer specifications

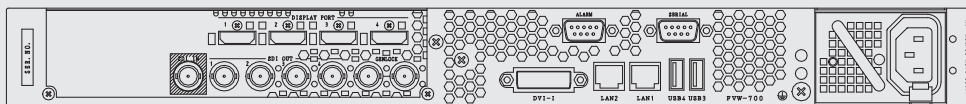
*1 Or HDMI x 1 *2 Used for one channel only *3 Or SDI input
• Thunderbolt is a trademark of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

External view (FVW-700 all-in-one model)

Unit: mm



Rear view



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