



## 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.



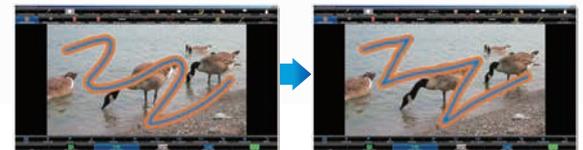
### Edge joining

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.



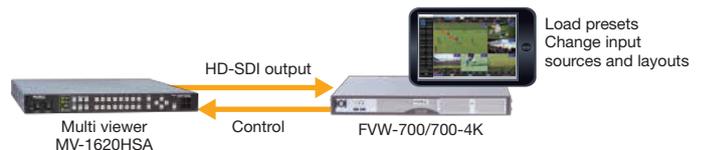
### Chroma keyer

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.



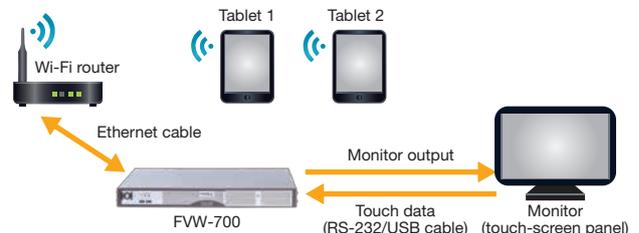
### Multi viewer integration

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-750 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-750 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-750 4K model**

Designed for 4K output. Workstation model

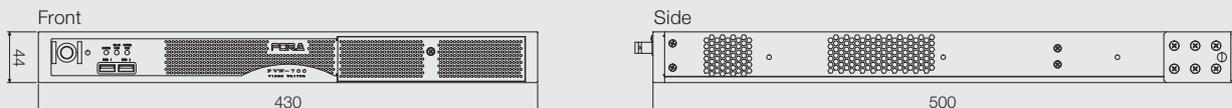
**Specifications**

Product model	FVW-750 HDMI model	FVW-750 TB2 model	FVW-700 all-in-one model	FVW-700-4K model	FVW-750 4K model
<b>Video formats</b>					
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
<b>Video inputs</b>					
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	HD-SDI (1.5 Gbps), 75Ω, BNC x 4 (1 channel)
<b>Video outputs</b>					
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)		
<b>Interfaces</b>					
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

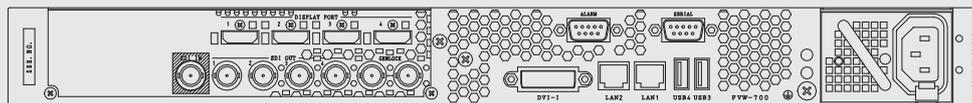
\*1 Or HDMI x 1 \*2 Used for one channel only \*3 Or SDI input  
• Thunderbolt is a trademark of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

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

Unit: mm



**Rear view**



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