

FVW-700/700-4K Datasheet

1. Specifications

FVW-700 Basic specifications

Temperature	0°C - 40°C	
Humidity	20% - 80% (no condensation)	
Power	100 VAC - 240 VAC ±10%, 50/60Hz	
Consumption	130 VA (127 W) at 100 VAC - 120 VAC 132 VA (110 W) at 220 VAC - 240 VAC	
Dimensions	430 (W) x 44 (H) x 500 (D) mm, EIA 1RU 480 (W) (Including rack mount brackets)	
Weight	9 kg	
Consumables (at 24-hour operation)	Cooling fans:	Replace every 3 years
	Power unit:	Replace every 5 years
	Battery:	Replace every 5 years *

*Yearly battery replacement is recommended when unit is stored without powering on for long periods.

FVW-700 Technical specifications

Video format	HD-SDI: 1080/59.94i, 1080/50i, 720/59.94p, 720/50p
Video Inputs	HD-SDI: 1.5 Gbps 75Ω, BNC x 1
Video Outputs	HD-SDI: 1.5 Gbps 75Ω, BNC x 4 (2 outputs for video signal and other 2 for key source signal.)
Genlock Input	BB: NTSC 0.429V(p-p) / PAL 0.45V(p-p) or Tri-level Sync: 0.6V(p-p) 75Ω (termination required) or loopthrough, BNC x 1
Input Lock	-1±0.5H relative to genlock signal phase
I/O Delay	1 frame when the video input phase is same as that of genlock.
Interface	
DVI-I	DVI-I x 1 (1280 x 1024) (Not used)
USB	USB 3.0, Type-A x 4 (2 on the front panel, 2 on the rear panel)
LAN1/LAN2	100BASE-TX/1000BASE-T, RJ-45 x 2
ALARM	9-PIN D-sub (female) x 1 ALARM: Power and fan alarm (Relay make contact output)
RS-232C (SERIAL)	9-pin D-sub (male) x 1
DisplayPort1-4	DisplayPort (1.2) x 4 for control screen output

FVW-700-4K Basic specifications

Temperature	0°C - 40°C
Humidity	20% - 80% (no condensation)
Power	100 VAC - 240 VAC ±10%, 50/60Hz
Consumption	200 VA (198 W) at 100 VAC - 120 VAC 220 VA (202 W) at 220 VAC - 240 VAC
Dimensions	430 (W) x 44 (H) x 500 (D) mm, EIA 1RU 480 (W) (Including rack mount brackets)
Weight	9 kg
Consumables (at 24-hour operation)	Cooling fans: Replace every 3 years Power unit: Replace every 5 years Battery: Replace every 5 years *

*Yearly battery replacement is recommended when unit is stored without powering on for long periods.

FVW-700-4K Technical specifications

Video format	HD-SDI: 1080/59.94i, 1080/50i, 720/59.94p, 720/50p 3G-SDI: 1080/59.94p, 1080/50p, 2160/59.94p, 2160/50p (Level-A)
Video Inputs	HD-SDI: 1.5 Gbps 3G-SDI: 3 Gbps 75Ω BNC x 4
Video Outputs	HD-SDI: 1.5 Gbps 3G-SDI: 3 Gbps 75Ω BNC x 8
Genlock Input	BB: NTSC 0.429V(p-p) / PAL 0.45V(p-p) or Tri-level Sync: 0.6V(p-p) 75Ω (termination required) or loopthrough, BNC x 1
Input Lock	-1±0.5H relative to genlock signal phase
I/O Delay	1 frame when the video input phase is same as that of genlock.
Interface	
DVI-I	DVI-I x 1 (1280 x 1024) (Not used)
USB	USB 3.0, Type-A x 4 (2 on the front panel, 2 on the rear panel)
LAN1/LAN2	100BASE-TX/1000BASE-T, RJ-45 x 2
ALARM	9-PIN D-sub (female) x 1 ALARM: Power and fan alarm (Relay make contact output)
RS-232C (SERIAL)	9-pin D-sub (male) x 1
DisplayPort1-3	DisplayPort (1.2) x 3 for control screen output

Options

FVW-7-TRS	VideoWriter Software to use via a tablet
FVW-7MV	Software to use with Multi Viewer

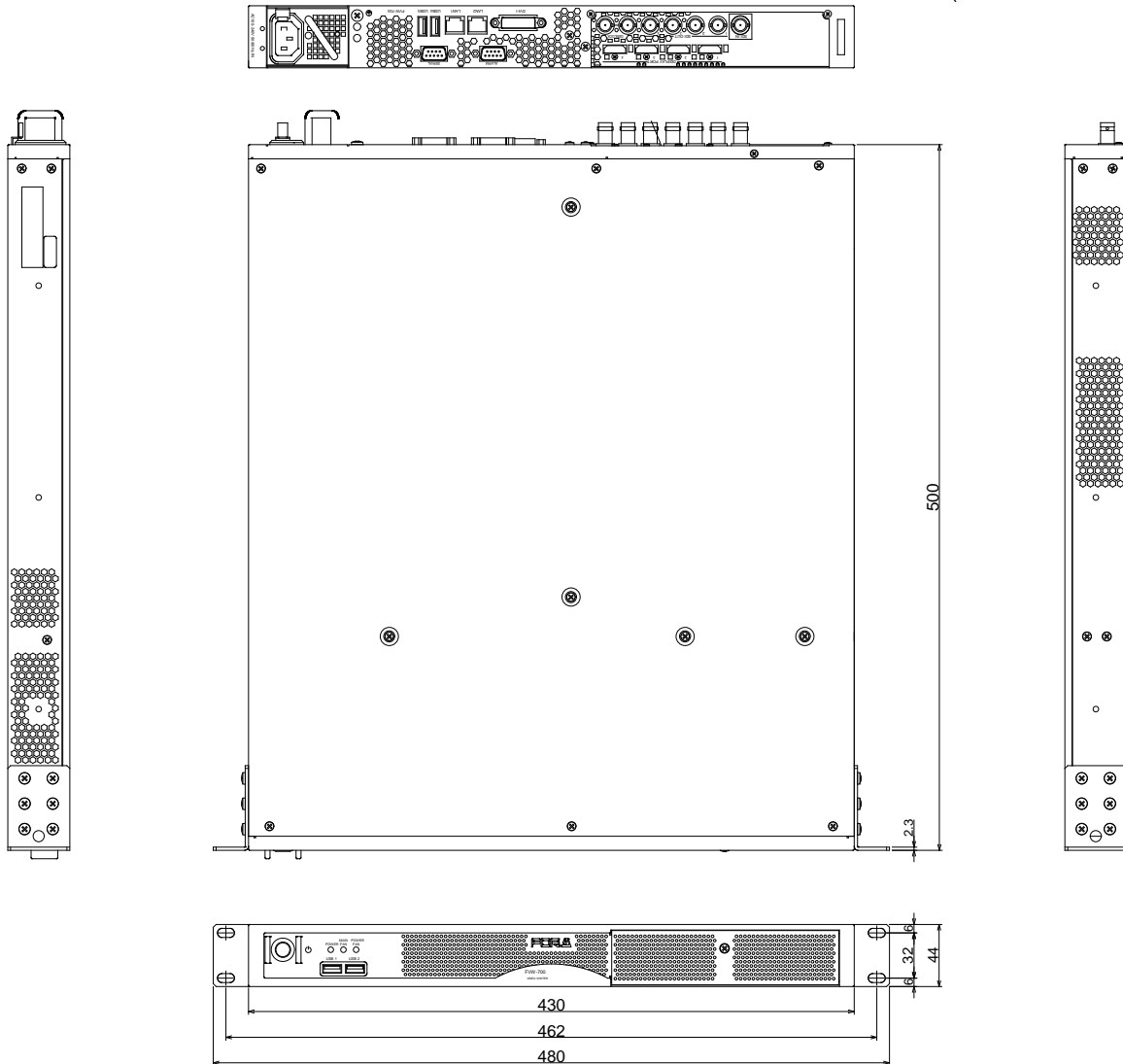
Accessories

AC cord, EIA rack mount brackets, Rubber feet, CD-ROM and Packing list
Display port-DVI conversion adapter (FVW-700 only)

2. External Dimensions

FVW-700 External Dimensions

(All dimensions in mm.)



FVW-700-4K External Dimensions

(All dimensions in mm.)

