

FC-ONE Datasheet

1. Specifications

Basic specifications

Temperature	0°C to 40°C
Humidity	30% to 90% (no condensation)
Power	100 VAC - 240 VAC \pm 10%, 50/60 Hz
Consumption	70 VA (68 W) (at 100-120 VAC) 91 VA (67 W) (at 220-240 VAC)
Dimensions	430 (W) x 400 (D) x 44 (H) mm
Weight	7.0 kg
Consumables (at 24-hour operation)	Power unit (within 3 years) Cooling fan: P-1439-2 (FAN 1 - 4) (within 5 years)

Technical specifications

Input video format	1080/59.94i, 1080/50i, 1080/59.94p(Level-A/B), 1080/50p(Level-A/B), 720/59.94p, 720/50p
Output video format	1080/59.94i, 1080/50i, 1080/59.94p(Level-A/B), 1080/50p(Level-A/B), 720/59.94p, 720/50p
Video input	3G/HD-SDI: 3 Gbps/1.5 Gbps 75 Ω BNC x 4
Video output	3G/HD-SDI: 3 Gbps/1.5 Gbps 75 Ω BNC x 4
Signal processing	4:2:2 digital component
Quantization	3G/HD-SDI: 10-bit
Genlock input	BB: NTSC: 0.429 Vp-p / PAL: 0.45 Vp-p, or Tri-level sync: 0.6 Vp-p 75 Ω BNC x 1, loop-through (Terminate with 75 Ω terminator, if unused.)
Synchronization	Reference mode Input mode
Proc Amp	Video level: 0.0% to 200.0% Chroma level: 0.0% to 200.0% Black level: -20.0% to 100.0% HUE: -179.8° to +180°
Video Clip	YPbPr mode RGB mode
Color Correction	Balance mode Differential mode Sepia mode
Interface	
Ethernet	100 Base-TX / 1000 Base-T RJ-45 x 1

Option

FC-ONE-EX	2nd Channel Expansion Option (Software)
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Accessories

AC cord, EIA rack mount brackets, CD-ROM, and Quick setup guide

2. External Dimensions

(All dimensions in mm.)

