

RFC-ONE Datasheet

1. Specifications

Basic specifications

Temperature	0°C - 40°C
Humidity	20% - 80% (no condensation)
Power	100VAC - 240VAC ±10%, 50/60Hz
Consumption	138 VA (136 W) at 100 V - 120 V AC 148 VA (132 W) at 220 V - 240 V AC
Dimensions	430 (W) x 44 (H) x 500 (D) mm, EIA 1RU
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.

Technical specifications

Video format	HD-SDI:
Video Inputs	HD-SDI: 1.5 Gbps 75Ω, BNC x 1
Video Outputs	HD-SDI: 1.5 Gbps 75Ω, BNC x 4
Genlock Input	BB: NTSC 0.429 Vp-p / PAL 0.45 Vp-p or Tri-level Sync: 0.6 Vp-p 75Ω (termination required) or Loopthrough, BNC x 1
Input Adjustment	±0.5H relative to Genlock signal phase
I/O Delay	2 frames if video and Genlock input phases are the same.
Interface	
DVI-I	DVI-I x 1 (1280 x 1024) (Not used)
USB 1-4	USB 3.0, Series-A type connector x 4 (2 on front panel, 2 on rear panel)
LAN 1-2	100BASE-TX/1000BASE-T, RJ-45 x 2
ALARM	9-pin D-sub (female) x 1 Power and fan alarm (Relay contact output)
RS232C (SERIAL)	9-pin D-sub (male) x 1 (Not used)
DisplayPort 1-4	DisplayPort (1.2) x 4 for control screen output

Options

RFC-ONE-RU	Remote Control Unit (Including dedicated 12 VDC adapter)
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Accessories

AC Cord, Rack Mount Brackets, Rubber Feet, DisplayPort-DVI Conversion adapter, CD-ROM, and Packing List

2. External Dimensions

(All dimensions in mm.)

