

FLICKER CORRECTOR FC-ONE

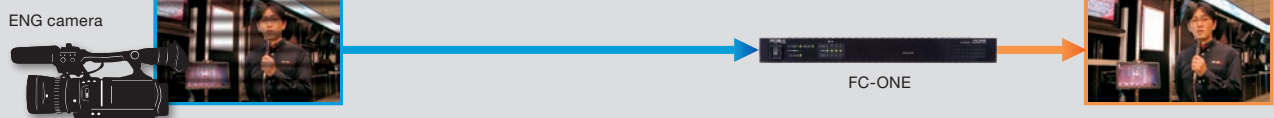


Suppresses flicker from high speed cameras and certain types of lighting conditions. No complex set-up required, just plug and play.

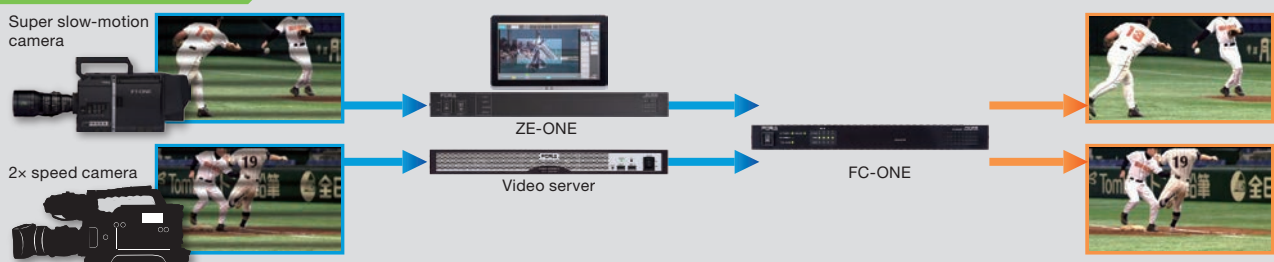
- █ Corrects distracting video flicker, common with sports stadiums and arena lighting sources.
- █ 1 input/output standard, expandable to 2 inputs/outputs (optional)
- █ Maintains image brightness and detail, unlike traditional global shutter solutions.
- █ Perfect for live or recorded material
- █ Correction process does not affect timing or vertical blanking interval.
- █ Compact 1U enclosure
- █ Can be controlled over a network, using a software GUI
- █ Supports 3G/HD-SDI input and output (1080p, 1080i, 720p)
- █ Other standard features
 - Process amplifier - Color corrector - Video clip

System configurations

For news reporting



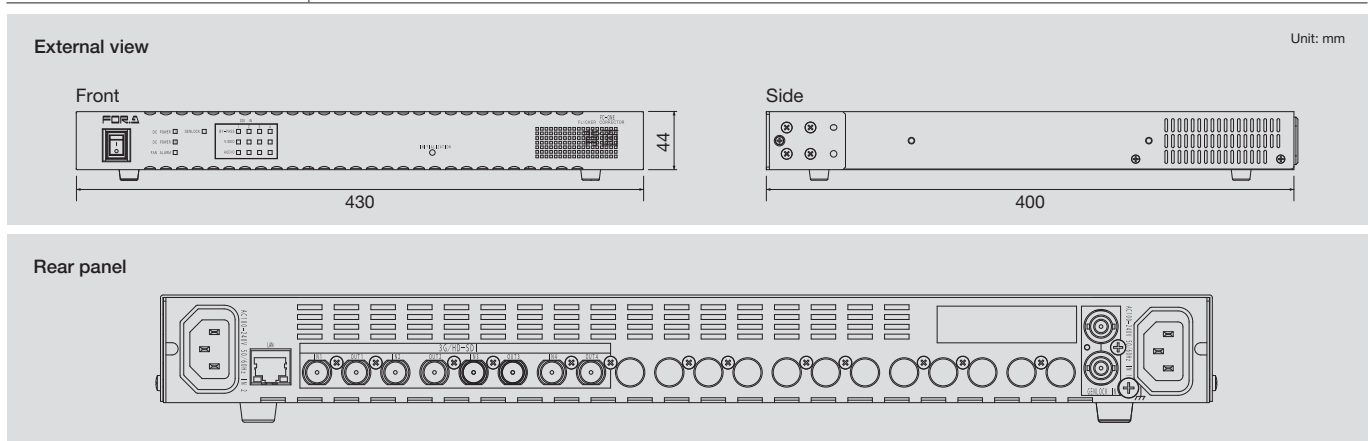
For live sports coverage*



*FC-ONE-EX 2nd channel expansion option is required for 2 inputs/outputs

Specifications

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-SDI (Level-A/B): 3.0 Gbps, HD-SDI: 1.5 Gbps, 75Ω, BNC x 4
Video output	3G-SDI (Level-A/B): 3.0 Gbps, HD-SDI: 1.5 Gbps, 75Ω, BNC x 4
Video I/O processing	Standard: Processes the selected input (one of four) as one line for distribution to four outputs (manually assigned) With FC-ONE-EX: Processes the selected inputs (two of four) as two line for two outputs (manually assigned)
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, 75Ω, loop-through, BNC x 1 (to be terminated with 75Ω terminator, if unused)
Synchronizer modes	Reference mode, Input mode
Video delay	2 frames (no FS function)
Video functions	Process amplifier, Color corrector
Process amplifier	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, RGB
Color correction	Balance, Differential, Sepia
Interface	Ethernet (100BASE-TX/1000BASE-T): RJ-45 x1
Temperature/humidity	0°C to 40°C/30% to 90% (no condensation)
Power/consumption	100 V AC to 240 V AC±10%, 50/60 Hz/70 VA (68 W) (at 100 V AC to 120 V AC), 91 VA (67 W) (at 220 V AC to 240 V AC)
Dimensions/weight	430 (W) x 44 (H) x 400 (D) mm/7.0 kg
Accessories	CD-ROM (Windows GUI installation disc including operation manuals), AC cord, Rack mount brackets
Consumables	Power unit: Replace every 3 years. Cooling fan P-1493-2 (FAN 1-4): Replace every 5 years.
Option	FC-ONE-EX: 2nd channel expansion option FC-ONE-PS: Redundant power supply



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