

USF-106TICO-12G Datasheet

1. Specifications

Basic specifications

Temperature	0°C to 40°C
Humidity	30% to 90% (no condensation)
Power	12V DC (Supplied by USF frame)
Consumption	2.2 A
Dimensions	Front Module: 106(W) x 357 (D) mm Rear Module: 114(W) x 40.7 (H) mm
Weight	0.4 kg
Required Slot	2 Slots

Technical specifications

Video formats	1080/59.94i, 50i 1080/59.94p, 50p (Level-A/B) 3840 x 2160/59.94p, 50p (Quad Link 3G-SDI, 2SI/SQD, Level-A/B) 3840 x 2160/59.94p, 50p (Single Link 12G-SDI)
Video input	12G/3G/HD-SDI BNC x 1 Level-A/B 2SI (SDI IN1) 3G/HD-SDI BNC x 4 Level-A/B (SDI 2a-2d) (input/ output selectable) * For TICO signal 1080i/1080p Level-A
Video output	12G/3G/HD-SDI Level-A/B 2SI 75Ω BNC x 2 (SDI 1a,1b) 3G/HD-SDI BNC x 4 Level-A/B (SDI 2a-2d) (Input/output selectable) * For TICO signal 1080i/1080p Level-A
Color sampling	4:2:2 10-bit
Genlock input	BB : NTSC : 0.429 V(p-p) or Tri-Level Sync: 0.6 Vp-p 75Ω or Loop-through * Select Tri-Level Sync for 50Hz video formats.
Sync. mode	Frame, Line, AVDL, Line(Min)
System synchronization	
Frame Mode	Horizontal : -0.5 H to +0.5 H Vertical: -0.5 frame to +0.5 frame Delay: Max. 1 frame + 2 H / Min. 2 H (Max: 1 frame + 4 H / Min. 4 H for Quad Link 3G-SDI)
Line Mode	Horizontal: -0.5 H to +0.5 H Vertical: -0.5 frame to +0.5 frame Delay: Max. 1.45 H / Min. 0.55H
AVDL Mode	Horizontal: -0.5 H to +0.5 H Vertical: -0.5 frame to +0.5 frame Delay: Max. 5.5 H / Min. 0.5 H
Line (Min) Mode	Horizontal: -0.5 H to +0.5 H Vertical: -0.5 frame to +0.5 frame Delay: Max. 1H + 600 clk / Min. 800 clk
Video delay adjustment	Max. 8 Frames

2. External Dimensions

(All dimensions in mm.)

