

USF-106TICO-12G Datasheet

1. Specifications

Basic specifications

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|---------------|--|
| 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

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|------------------------|---|
| 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.)

