



BD1B

J1 - FLEXLINK CAMERA CONNECTION

Connect the Ethernet bulkhead to the FlexLink media converter here using a standard CAT6 rated RJ45 Ethernet jack.

J2 - HOST SYSTEM CONNECTION

Molex Micro-Fit 3.0 6-position connector for input power, camera control inputs, and auxiliary analog video output signals.

D5 - PWR LED

- GREEN: Power good
- OFF: No power

D4 - SDI LED

3-color indicator LED used to indicate SDI signal lock strength and flash system error codes. Multiple error codes can be present at the same time and are flashed in sequence.

- SOLID GREEN: All systems operating normal, SDI signal good
- SOLID YELLOW: All systems operating normal, SDI signal OK
- SOLID RED: All systems operating normal, SDI signal low
- FLASHING RED: System error
 - 1 FLASH: No SFP detected - check SW1 if SFP installed
 - 2 FLASH: No SDI video signal lock

SW1 - MSA / NON-MSA SFP SELECTION SWITCH

Most video SFP modules conform to the standard SFP Multi Source Agreement (MSA) for pinout and pin function, however there is a subset that use non-MSA conforming pinouts (namely some emSFP modules). This switch indicates to the FlexLink Media Converter which type of SFP is installed. This switch must be set appropriately in order to operate correctly.

- Position "A": MSA Compliant SFP
- Position "B": NON-MSA SFP

NOTE: The switch position is based on which label, A or B, is visible on the PCB

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TITLE
Wiring Diagram

PROJECT
FlexLink Gen2 Media Converter

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FILE NAME 744-029-905_WiringDiagram_SchDoc SHEET 1 OF 1