4 Channel Digital Input Card

The digital input card provides four channels of digital input in AES or S/PDIF format and 24 dB of trim. The inputs are provided on plug-in barrier strip connectors. Control of each input includes metering, trim, mute and signal inversion.

Features:

- Digital audio input card. Up to 4 cards per frame.

- Supports AES/EBU or S/PDIF.

- Sample rate conversion on all inputs.

- Sync range of 12 to 96 kHz.

- Field swappable by certified technicians.

Specifications

Number of Inputs	Two (2) pairs of switchable AES or S/PDIF format (4 channels total).	Dynamic Range	> 128 dB, unweighted.
Connectors	3.81 mm terminal blocks.	THD + Noise	< -125 dB, unweighted.
Nominal Input Level	-20 dBFS (+4 dBu with 20 dB of headroom).	Nominal Sample Rate	48 kHz
Maximum Input Level	0 dBFS (+24 dBu)	Sample Rate Sync Range	12 to 96 kHz.
Input Impedance	110 Ohms (AES), 75 Ohms (S/PDIF).	Latency	2.1 mS @ 48 kHz

Mechanical Data

Items	Specifications	Remarks
Shipping Weight	1 lbs. (0.45 kg)	
Certifications or Compliance	EN 55103-1, EN 55103-2, FCC Part 15, RoHS.	

Architect and Engineer Specifications: SymNet 4 Channel Digital Input Card.

The device shall provide two pairs of digital inputs (4 channels total) to an EDGE or RADIUS AEC frame that are adjustable with fine trim and selectable in format between AES or S/PDIF. Up to four of these devices may be installed in a single EDGE frame for up to sixteen channels of local input and up to one of these devices may be installed in a single RADIUS AEC frame for up to four channels of local input. Levels, mutes, inversions and formats shall be controllable via software. Audio inputs shall be accessed via rear panel 3.81 mm terminal block connectors.

Audio conversion shall be 24-bit, 48 kHz with ability to accept 12 to 96 kHz using a sample rate conversion. The dynamic range shall not be lower than 128 dB, unweighted with a maximum input level of 0 dBFS (+24 dBu).

The device shall comply with CE and FCC Part 15 emissions limits. The device shall be RoHS compliant. The mounting plate shall be constructed of cold rolled steel, and mount into a SymNet Radius AEC or EDGE frame I/O card slot. The device shall be a **Symetrix SymNet 4 Channel Digital Input Card.**