Hardware A/D converters

DataApex supplies various types of A/D converters that convert the analog signal from detectors to digital format. The independent acquisition channels enable data acquisition from multiple detectors. Auxiliary digital inputs and outputs can be used for external start synchronization or for control of external devices using the Clarity Event table.

A/D Converter	Colibrick	U-PAD2	Net-PAD	INT7	INT9
Production status	*Current product line*	*Discontinued product line*			
Type	External USB		External LAN (TCP/IP)	Internal PCI	
Resolution	24 bit				
Number of channels	1-4	2		1-4	
Voltage Ranges (Bipolar)	156, 1250, 12585 mV			156, 1250, 10000 mV	156, 1250, 12585 mV
Integration frequency	Up to 400 Hz		Up to 100 Hz	Up to 100 Hz	Up to 400 Hz
Digital inputs/outputs	4/8	2/2	4/8, 2x RS232 COM port	4/8	
Isolation of channels	Isolated both mutually and from PC	Isolated from PC	Isolated both mutually and from PC		

3 YEARS WARRANTY

www.dataapex.com | ISO9001 certified

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