24-Channel Digital I/O Interface for Arduino and Compatibles

SCIDYNE® Corporation, best known as a manufacturer of PC/104 boards, has expanded its product line by developing a digital Input/Output interface for Arduino hardware. The DIO24-ARD makes it easy to connect to solid-state I/O racks, switches, relays, LEDs, and many other commonly used peripheral devices. Target applications include industrial control systems, robotics, IoT, security, and education. The board provides 24 non-isolated I/O channels across three 8-bit ports. Each channel's direction can be individually configured as either an Input or Output using standard SPI library functions. Outputs are capable of sinking 85ma at 5V. External devices attach by means of a 50 position ribbon-cable style header. The DIO24-ARD features stack-through connectors with long-leads allowing systems to be built around multiple Arduino shields. Additional product information can be found at **www.scidyne.com/hpb7692.html** (Introductory price is $38 each - Available Now)

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