

# 128 Line Digital I/O Module for VXI

VXI-DIO-128

## VXI-DIO-128

### Digital Input

64 lines  
Input voltage up to  $\pm 42$  V  
Programmable threshold voltage

### Digital Output

64 lines  
Open-drain outputs  
Switch up to 42 V  
Sink up to 250 mA

### VXI plug&play compliant

Frameworks – WINNT, GWINNT,  
WIN95, GWIN95, WIN, GWIN

### NI-DAQ Software

Windows NT/95/3.1

### Virtual Instrument Drivers

Digital I/O

### Application Software

LabVIEW  
LabWindows/CVI  
ComponentWorks  
VirtualBench



## Overview

The VXI-DIO-128 is a 128-channel parallel digital I/O module for VXI. The VXI-DIO-128 offers 64 channels for digital input and 64 channels for digital output that can be used to read switches or drive relays. The digital I/O module uses eight 16-bit programmable peripheral interfaces (PPIs) that can be further divided into eight 8-bit ports. You have access to eight 8-bit ports for digital input and eight 8-bit ports for digital output. All signals are accessible through an I/O connector on the module front panel, making cabling uncluttered and easy to install. The VXI-DIO-128 provides a VXI digital I/O system controller for applications in manufacturing and production testing, laboratory testing, and industrial process monitoring and control. For more hardware information, refer to page 761.

## Part Numbers

VXI-DIO-128 and software.....	777161-01
Connector Blocks and Cables	
VXI-TB-296 front panel terminal block	
and carrier.....	777350-02
TBX-96 DIN-rail mountable connector block ....	777264-01
SH96-96 96-pin to 96-pin shielded cable	
1 m .....	183228-01
2 m .....	183228-02
5 m .....	183228-05

Data Acquisition