



VTK HS DIO - Digital Data Acquisition Card (USB Data Acquisition)

1.FEATURES

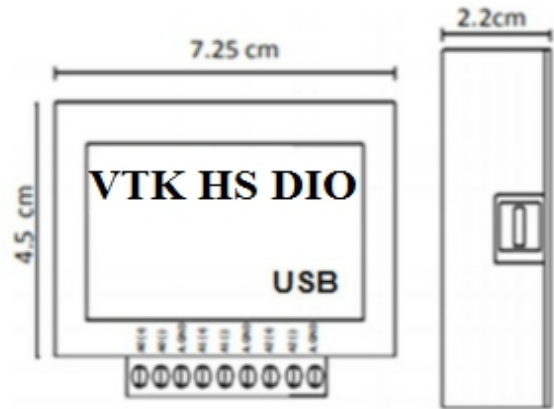
- 8 Digital Channel Input/Output
- 0.4 Microsecond Access Time
- 2500 Samples / Second
- USB 2.0 Communication
- Compatible with Windows Operating Systems
- USB Plug Run Feature
- Sample LabVIEW Library
- Graphical Data Collection

2.DESCRPTIONS

The VTK HS DIO top is a digital 8-channel digital input / output card that can be used to collect data at 2500 samples per second. Windows VTK HS DIO, compatible with the operating system, is compatible with the LabVIEW software language. VTK HS DIO's communication with the computer is realized via USB, VTK HS DIO is a family of VTK products with a USB Plug-and-Play feature, with a current interface in the library, which instantly displays data and records them in a Microsoft Office environment. The VTK HS DIO product analyzes and reports data based on the number of samples selected besides visualizing the data it collects.

3. VTK 1050 Applications

- Caution Test-Response Time Measurement
- Button Counter Application
- Led Digital Output Application
- Led Indicator Application
- Light Intensity Control Application
- Step Motor Control Application
- Magnetic Field Detection Application
- RGB Led Driver Application
- Counter Making with Opta Insulator
- Opto Insulator-Counter-Led Application
suitable for all areas where static sensor measurements are to be made.



DEVICE NAME	MEASUREMNET
VTK HS DIO	7,25 cm Lenght
	4,5 cm Width
	2,2 cm Height

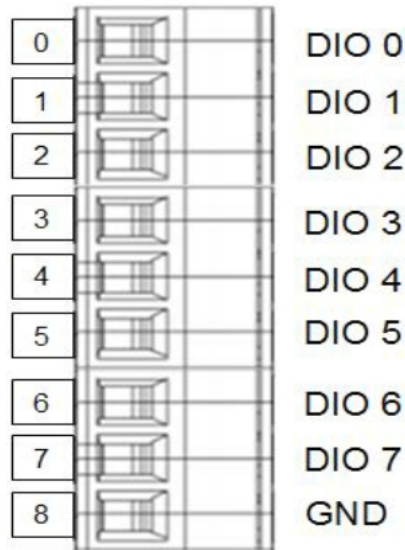


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4. Terminal Input and Functions



5.VTK HS DIO FEATURES

TECHNICAL SPECIFICATIONS

OS	Windows
Software Compatibility	LabVIEW
Supply	USB

ANALOG INTRODUCTION

Differential Channel	8
Resolution	16 Bit
Sampling Rate	2500 Sample/Second
Maximum Voltage	10V
Maximum Operating Range	0, +5 V
Error Rate of Maximum Operating Voltage	%0.15
Minimum Operating Range	-1.25V, +1.25 V
Error Rate of Minimum Operating Voltage	%0.34
Simultaneous Sampling	Var
Timing	Donanımsal

PHYSICAL PROPERTIES

Length	7.25 cm
Width	4.5 cm
Height	2.2 cm
I / O Connector	Screw Termina