### GETTING START

### **Install Software**

Caution: You must install the software before using the oscilloscope.

- 1. While in Windows, insert the installation CD into the CD-ROM drive.
- 2. The installation should start up automatically. Otherwise in Windows Explorer, switch to the CD-ROM drive and run Setup.exe. According to the installation information, please install it step by step.

### Download and install IO libraries suite.

Please download latest IO Libraries Suite from the website:

http://www.keysight.com/main/software.jspx?ckey=2175637&Ic=chi&cc=CN&nid=-11143.0.00&id=217563

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Also you can install the software named IOLibSuite in the CD.

Note: Please download and install IOLibSuite\_16\_3\_17218.exe for PC of Windows XP system.

Double click IO Libraries Suite program and install it. According to the installation information, please install it step

#### by step. The installation maybe takes several minutes.



After installation, you can see it in bottom right corner.



#### **Connect DSO Scope to PC**

IOLibSuite\_17\_2\_20605\_2

Two connection modes:

USB connection mode: Refer to USB CONNECTION.

LAN connection mode: Refer to LAN CONNECTION.

# USB CONNECTION

1. Power on. Connect DSO scope to PC via USB cable. The driver will install by itself. When the driver is installed successfully, there will have a prompt as follows:

đũ	USB Test and Measurement Device (IVI) Device driver software installed successfully.	۰×
		N

2. After installing successfully, users can see driver information in device manager (It is same in LAN mode).



3. Click Keysight IO libraries suite icon in bottom right corner, and choice "Connection Expert". Now users can see the device information.

Instruments PXI/AXIe Chassis Manual Conf	iguration Settings
C Rescan Fiker Instruments:	.1
DSO3000B, hantek	Details for hantek DSO3000B
UEB01(0X049F)(0X305C)(DEIO40143361107)(011103TR	Manufacturer: hantek Model: DS03000B Seral Number: DS04D14301107 Firmware Version: 1.0.1 Connection Strings VISA Addresses ♥ USB0::0x049F:0x305C::DS04D143501107::0::DS14 VISA Habaes USBI:nstrument2

- 4. If installing unsuccessfully, right click to update the driver manually, and choice the correct route: C:\Program Files\IVI Foundation\VISA\IVI USB Staging\b841aa80\Windows
- 5. Double click "DSO-xxxx" shortcut on desktop to open the software of DSO device. The device is connected with PC successfully. You can see "Connected" tip in status column.

### LAN CONNECTION

#### 1. Set up local area network (LAN)

- 1) Connect router with DSO scope via one LAN cable. Connect router with PC via the another LAN cable.
- "Open Network and Sharing Center->Local Area Connection-> Properties->Internet Protocol Version (TCP/IPv4)". Set the right IP of PC in same network segment with the oscilloscope's network name. The default IP is 192.168.1.127.



 Set PC's IP to 192.168.1.2 or others(192.168.1.2~192.168.1.255) except the IP of DSO scope (default 192.168.1.127). For example, the IP of the device is 192.168.1.32. Set Subnet mask in default.

# LAN CONNECTION

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ou can get IP settings assigned a his capability. Otherwise, you ne or the appropriate IP settings.		
Obtain an IP address automs Use the following IP address		
P address:	192 .158 . 1 . 3	2
Subnet mask:	255 . 255 . 255 . 0	
Default gateway:	192 .168 . 1 . 1	
Cotain DNS server address a	utomatically	
• Use the following DNS server	addresses:	
Preferred DNS server:		
Alternate DNS server:	· · ·	
Validate settings upon exit	Ad	anced

Click Keysight IO libraries suite icon in bottom right corner, and choice "Connection Expert". Now users can see the device information.

🔲 Key	rsight C	onnection Expert		
Instru	oents	PXI/AXIe Chassis	Manual Configuration	Settings
OR	eacan	Filter Instruments:	Georg	
0	DS	03000B, hantek	Details for I	hantek DSO3000B
•	UGB	R81:8x049F1:8x505C1:D504D34	Manufacturer Model: Serial Numbe Firmware Ver	DS03000B r: DS04D143501107

### 2. Connect Device

Double click "DSO-xxxx" shortcut on desktop(Or click "File->Connect" menu) to open the software of DSO device. 1) Select "LAN" type, the device connect setting dialog is as shown below:

USB-TMC	The LAN interface(s) connected to this computer	
.B.	This is the default LAN I/O on this computer	
LAN	Enter Instrument Address	
	IP oldress 100 , 100 1 . 127	
	Connect	
	Please choose an instrument to connect	Refresh All
	HE TT TO → LEB → LEA TROUTST → LEAN TROUTST → LEAN TROUTST → LEAN TROUTST → LEAN TROUTST → LEAN TROUTST → LEBN → LEBNN →	

The device is connected with PC successfully. You can see "Connected" tip in status column.
Note: In LAN mode, there is no need to use 12V power adapter.