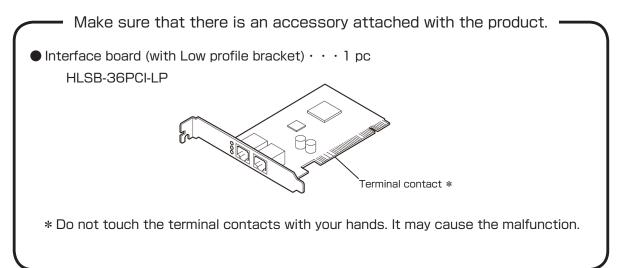
# ~ Read Me First ~ HLSB-36PCI-LP Setup Guide

Please check the bundled items.



How to download the device driver and HLSB-36PCI-LP / EXP Editor.

Download the device driver for HLSB-36PCIEXP and HLSB-36PCI-LP / EXP Editor from StepTechnica website.

URL : https://www.steptechnica.com/en/download/index.html

#### 1. Driver installation

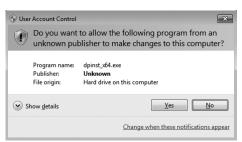
Driver can be manually installed from downloaded driver file.

The configuration of downloaded driver file is shown in the table below.

0	S	Driver installer storage location
Windows 7/ 8/ 8.1	64-bit version	Driver_V3000\Win7_Win8.1\x64\dpinst_x64.exe
Windows 7/ 8/ 8.1	32-bit version	Driver_V3000\Win7_Win8.1\x86\dpinst_x86.exe
Windows 10	64-bit version	Driver_V3000\Win10\x64\dpinst_x64.exe
Windows 10	32-bit version	Driver_V3000\Win10\x86\dpinst_x86.exe

Select the driver installer to execute according to your PC system environment. This document describes how to install driver to 64-bit version of Windows 10.

- 1 . Power-on PC, start Windows, and log on as an Administrator.
- $@. Execute "dpinst_x64" in "Driver_V3000 <math display="inline">\smallsetminus$  Win10  $\searrow$  x64". Select 'Yes (Y)' in the user account control dialog box.



③. Select 'Next (N)' in the driver installation dialog box.



④. Select 'Finish' in the next dialog box.

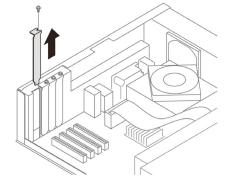


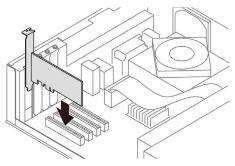
#### 2. Hardware installation

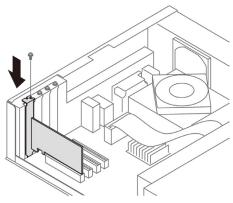
For how to put-on or remove a PC side panel and insert a PCI card to the PC slot, refer to your PC manual.

- ①. Power-off the PC.
- Remove the PC side panel.
  (Refer to the PC manual for how to remove the side panel.)
- ③ . The board is to be inserted to PCI slot, so remove the cover of the slot to insert.
  (Refer to the PC manual for how to remove the slot cover.)
- ④ . Insert the board to PCI slot firmly. (When using the PC with Low profile slot, change the bracket to attached one.)

(5). Fix the bracket using the screw attached with the PC.







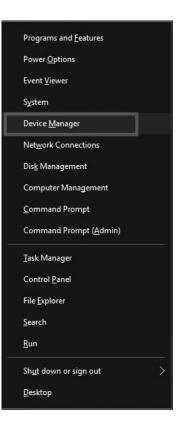
(6). Close the PC side panel in the reverse order of step 2.

#### 3. Check that the PCI card is correctly installed

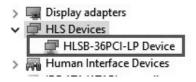
Open 'Device Manager' first to check the card has been correctly installed.

### For Windows 10

①. Press 'Windows' and 'X' key to display 'Device Manager(M)' and click it.

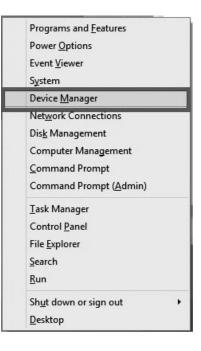


 Device Manager is displayed.
 Select and double-click 'HLS Devices' to show the devices listed in the context menu and check 'HLSB-36PCI-LP Device' is in the list.



### For Windows 8 / 8.1

①. Press 'Windows' and 'X' key to display 'Device Manager(M)' and click it.



②. Device Manager is displayed. Select and double-click 'HLS Devices' to show the devices listed in the context menu and check 'HLSB-36PCI-LP Device' is in the list.



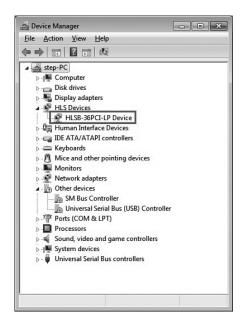
Processors

### For Windows 7

1 . Open 'Device Manager' from the 'control panel'.

Control Panel + A	II Control Panel Items 🔸	
Adjust your computer's setti	ngs	View by: Small icons 👻
P Action Center	administrative Tools	🗒 AutoPlay
Backup and Restore	🛄 Color Management	Credential Manager
Date and Time	Default Programs	📑 Desktop Gadgets
🚔 Device Manager	Devices and Printers	🜉 Display
Ease of Access Center	Folder Options	A Fonts
Getting Started	🝓 HomeGroup	🛃 Indexing Options
🔁 Internet Options	Keyboard	Docation and Other Sensors
J Mouse	Network and Sharing Center	Real Cons
🛃 Parental Controls	Performance Information and Tools	Personalization
Phone and Modem	Power Options	Programs and Features
P Recovery	🔗 Region and Language	RemoteApp and Desktop Connections
📲 Sound	Speech Recognition	Sync Center
System	🛄 Taskbar and Start Menu	I Troubleshooting
👪 User Accounts	💐 Windows Anytime Upgrade	Windows CardSpace
Windows Defender	Windows Firewall	Windows Update

②. Device Manager is displayed. Select and double-click 'HLS Devices' to show the devices listed in the context menu and check 'HLSB-36PCI-LP Device' is in the list.



#### 5. How to install HLSB-36PCI-LP / EXP editor software

Driver can be manually installed from downloaded HLSB-36PCI-Editor folder.

0. Execute 'HLSB-36PCI-Editor  $\smallsetminus$  setup.exe' in setup disk.

HLSB_36PCI_LP_EXP_Editor.CAB	Cabinet File
🛞 setup.exe	Application
SETUP.LST	LST File

②. Select 'Yes' in the user account control dialog box.



③. Select 'OK' in 'HLSB-36PCI-LP/EXP Editor setup' dialog box to continue.

Welcome to the HLSB-36PCI-LP EXP EDITOR V103E installation program.
not install system files or update shared files if they are in use. ceeding, we recommend that you dose any applications you may

④ Specify the install location of HLSB-36PCI-LP/EXP Editor. Click 'Change Directory' to change the install location. Click thick-squared button to start installation.

HLSB-36PCI-LP EXP EDITOR V103E Setup	×
Begin the installation by clicking the button below.	
Click this button to install HLSB-36PCI-LP specified destination directory.	EXP EDITOR V103E software to the
Directory	
Directory: C:\Program Files (x86)\HLSB_36PCI_LP_EXP_EDITOR\	Change Directory

<sup>(5)</sup>. Click 'Continue' in HLSB-36PCI-L/EXP Editor- Choose Program Group' dialog box to continue.

ll add items to the group shown in the Program Group box. enter a new group name or select one from the Existing st.
Program Group:
HLSB-36PCI-LP EXP EDITOR
Existing Groups:
Accessibility
Administrative Tools
HLSB-36PCI-LP EXP EDITOR Maintenance
Startup
System Tools
Windows PowerShell

6 . Click 'OK' button when the setup dialog box is displayed to finish the driver installation.

HLSB-36PCI-	LP EXP EDITO	R V103E Setu	p		×
HLSB-36PC	I-LP EXP EDIT	FOR V103E Set	up was comp	eleted successfully.	
				OK	1

Product Specifications			
Item	Description		
HLS device	MKY36 × 1 pc		
HLS communication method	Full / Half-duplex		
HLS communication rate	12M/6M/3Mbps (Set in MKY36 register)		
HLS communication connector	RJ45 type (8pin modular) × 2 pcs		
Supported bus	PCI Ver2.2 supported, 32bit / 33MHz expansion bus 5V / 3.3V supported (Low profile supported)		
Owned resource	16KB serial memory area (Automatically allocated by PnP)		
Interrupt	1 line used (Automatically allocated by PnP)		
Supported OS	Windows10(64bit/32bit)Windows8.1(64bit/32bit)Windows8(64bit/32bit)Windows7(64bit/32bit)		
Power supply	DC +5.0V		
Consumption current	500mA or lower		
Operating conditions	Temperature 0 to 50°C Humidity 20 to 90% (With no condensation)		
Storage conditions	Temperature 0 to 80°C Humidity 0 to 90% (With no condensation)		
Size	119.9mm(W) × 64.4mm(H) * Not including a panel (Low Profile supported)		
Accessory	Low profile bracket		

#### Safety Precautions

## Marnings / Cautions

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