

# 16DI8DO Utility for PS6000 Series

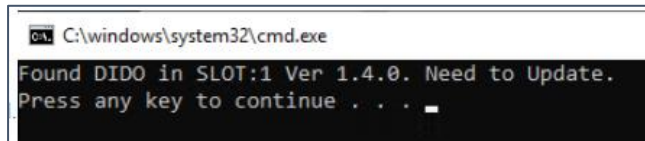
<b>Title</b>	16DI8DO Utility for PS6000 Series
<b>Supported OS</b>	Windows 11 64bit (Build version is 24H2 or more.)
<b>Support Product</b>	16DI/8DO Optional interface
<b>Description</b>	Utility to configure the setting for the DO output states when the operating system is shutdown or put to sleep (S3, S4, S4 (hybrid shutdown), S5) when using the PS6000 series optional 16DI/8DO interface.

## How to use Utility

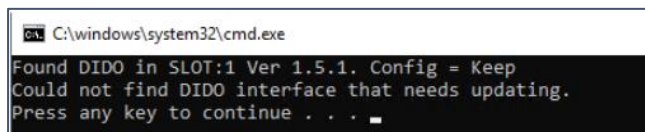
1. Close all applications that use the 16DI/8DO interface.
2. To change the setting, the 16DI/8DO interface requires firmware version 1.5.1 or later.
3. Run DIDO\_Check\_Ver.bat to check the version.

The following command prompt screen is displayed.

Version 1.5.0 or earlier: "Need to Update" is displayed.



Version 1.5.1 or later: The current setting is displayed.



Note:

If both Slot 1 and Slot 2 are equipped with 16DI/8DO interfaces, identifies the version for each slot.

The default setting is Keep (retentive).

4. Close the command prompt screen.
5. Right-click the desired configuration .bat file and select Run as administrator.  
If both Slot 1 and Slot 2 are equipped with 16DI/8DO interfaces, the same setting is applied to both slots.
  - DIDO\_Set\_Reset.bat: Forces the DO output states OFF during operating system shutdown or sleep.
  - DIDO\_Set\_Keep.bat: Keep the DO output states during operating system shutdown or sleep.
6. If the firmware version is 1.5.0 or earlier, the setting is changed after the firmware is automatically updated to version 1.5.1 or later. For version 1.5.1 or later, only configuration change is executed.

The image below illustrates the update with 1.5.0 or earlier.

A screenshot of a Windows command prompt window. The title bar reads "C:\windows\System32\cmd.exe". The command prompt displays the following text:

```
Found DIDO in SLOT:1 Ver 1.4.0. Need to Update. Enter to Update Mode.  
Driver not installed.  
Installing driver for update.  
Driver installed.  
Updating - Erase Phase (100%)... Erase successful !  
Updating - Download Phase (100%)... Update successful !  
Leaving udate mode (100%)... Successfully left update mode !  
DIDO in SLOT:1 Configuration has been successfully set to Reset!  
Press any key to continue . . .
```

Note:

It takes about one and a half minutes to update the firmware.

Never turn off the power while updating the firmware.

7. Close the command prompt screen and exit.