16DI8DO Utility for PS6000 Series
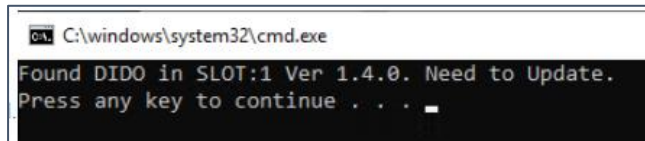
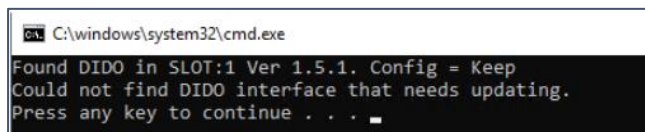| Title	16DI8DO Utility for PS6000 Series
Supported OS	Windows 10 64bit (Build version is 1809 or more.)
Support Product	16DI/8DO Optional interface
Description	Utility to configure the setting for the DO output states when the operating system is shutdown or put to sleep (S3, S4, S4 (hybrid shutdown), 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.

```
C:\windows\system32\cmd.exe
Found DIDO in SLOT:1 Ver 1.4.0. Need to Update.
Press any key to continue . . .
```

    Version 1.5.1 or later: The current setting is displayed.

```
C:\windows\system32\cmd.exe
Found DIDO in SLOT:1 Ver 1.5.1. Config = Keep
Could not find DIDO interface that needs updating.
Press any key to continue . . .
```
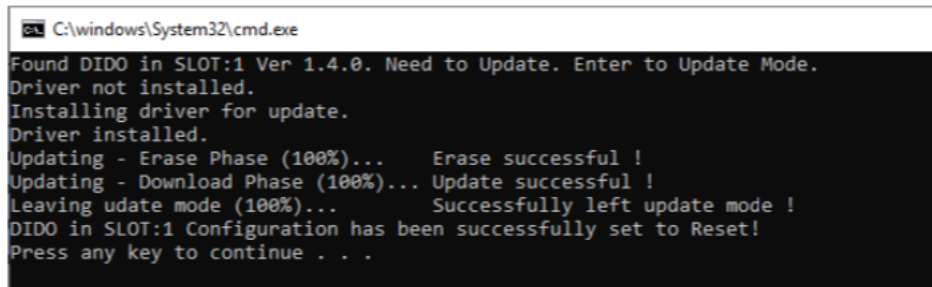
    Note:

    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.

```
C:\windows\System32\cmd.exe
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.