



Software Manual

USB Module

Rev. 1.02

Metapace T-3
Metapace T-3II

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1. OpenUsbPort

The OpenUsbPort function open USB port connected with the printer

```
int OpenUsbPort(  
    int     dwModel  
);
```

Parameter

dwModel

[in] Number value according to the printer model.

- 2 T-3 Model
- 3 T-3II Model

Return Values

If the function succeeds, the return value is 1.

If the function fails, the return value is 0.

Remarks

For connecting the printer, you first use this function. If you don't use this function first, you can't connect the printer.

Requirement

OS Version: Windows 98 and later

(Windows 98 must be installed the USB printer support driver.)

Linked Library: CommUSB.dll

2. WriteUSB

The WriteUSB function writes data to the printer .

```
int WriteUSB(  
    PBYTE      pBuffer,  
    DWORD      nNumberOfBytesToWrite  
);
```

Parameter

pBuffer

[in] Pointer to the buffer containing the data to be written to the printer.

nNumberOfBytesToWrite

[in] Number of bytes to be written to the printer.

Return Values

If the function succeeds, the return value is the number of byte to be written.

If the function fails, the return value is 0.

Remarks

This function may fail with ERROR_INVALID_USER_BUFFER or ERROR_NOT_ENOUGH_MEMORY whenever there are too many outstanding asynchronous I/O request.

Requirement

OS Version: Windows 98 and later

(Windows 98 must be installed the USB printer support driver.)

Linked Library: CommUSB.dll

3. ReadUSB

The ReadUSB function reads the data from the printer device.

```
int ReadUSB(  
    PBYTE      pBuffer,  
    DWORD      nNumberOfBytesToRead  
);
```

Parameter

pBuffer

[out] A Pointer to buffer that receives the data read from the printer.

nNumberOfBytesToWrite

[in] The maximum number of byte to read.

Return Values

If the function succeeds, the return value is the number of bytes requested.
if the function fails, the return value is 0.

Remarks

If the printer is locked by another process, this function fails.

Requirement

OS Version: Windows 98 and later

(Windows 98 must be installed the USB printer support driver.)

Linked Library: CommUSB.dll

4. CloseUsbPort

The CloseUsbPort function closes the USB port after a backup or restore operation, and frees associated system resources.

```
int CloseUsbPort(  
    NULL  
);
```

Parameter

NULL

Return Values

If the function succeeds, the return value is 1.

If the function fails, the return value is 0.

Remarks

This function frees allocated system resources such as the system-defined context block and closes the port.

Requirement

OS Version: Windows 98 and later

(Windows 98 must be installed the USB printer support driver.)

Linked Library: CommUSB.dll