



# **Software Manual**

## **USB Module**

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**Rev. 1.01**

**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