

OMT601 Reader User's Manual

1.1 OMT601 Reader's Function

OMT601 Reader can analog USB keyboard to output its detected card number in Win2000\XP\2003\VISTA\WinCE or LINUX operation system, and its interface compliant with USB2.0 HID. The card number can be in decimal or duodecimal by configuring DIP power switch; the card number sequence can be positive-turn or opposite-turn, besides, when read out the card number, users can select with enter function or not.

This product is developed and well-tested by Omni-tech Electronic Co.,Ltd, which can read card UID compliant with ISO14443 Type A. If you want to read Card compliant with ISO14443 Type B or ISO15693, Or these cards data, please contact our company to upgrade the reader.

1.2 Features:

1. Built-in transceiver antenna;
2. Maximum effective distance up to 90mm;
3. Less than 200ms decoding time;
4. Low power dissipation and no external power required;
5. Supports USB1. 1 keyboard emulation interface, which compliant with USD2.0 HID.

6. Support Mifare I compatible IC cards;
7. Built-in LED and buzzer.
- 8 Data in the IC card's can be output in decimal or duodecimal
9. Windows98, 2000 and XP program has USB drive itself.

1.3 Connection of OMT601 and Usage

The interface for this reader is USB2.0 HID, just plug in on your PC, the system will automatically install the program, and in other words, this reader is driver-free.

After connect OMT601 with PC, the indicator show green, during this time, OMT601 are doing initializing USB interface and reading the chip. 1 second later, the beeper will beep and the indicator will change red and keep the red state, which means the initialization is successful, and the user can read the card now.

When the reader enter into reading card state, you need to open the folder or program the card number will be input, and put your cursor into the place the card number will be output. When reading card, the indicator will turn green and meanwhile the beep will beep for 0.5 second. If the indicator back to red means this operation successful. Now, if you don't take away the card from the induced area, the reader will not read its number again.

1.4 Inner DIP Power Switch for OMT601

This reader have built-in DIP power switch, and its function is to select condition of the card number, please refer sheet 1

When you are configuring inner power switch of MR760, please debug the reader from your PC, and then select the condition you need by configuring DIP, and then connect OMT601 with your PC or device.

Sheet1

	SW1	SW2	SW3	SW4
With Enter Function	Off			
Without Enter Function	On			
Serial Number Positive-turn		Off		
Serial Number Opposite-turn		On		
Output decimal card number (decimal code)			Off	
Output duodecimal card number (Source code)			On	
Save				Off
Save				On
Remark	ON state have marked on DIP power switch			

1.5 Card reader appearance

