

# OS Update Guide for WISE

Version 1.0, February 2010

## 1. Install the MiniOS7 Utility

### Step 1: Get the MiniOS7 Utility tool



The MiniOS7 Utility can be obtained from companion CD or our FTP site:

CD: \Tools\MiniOS7\_Utility\

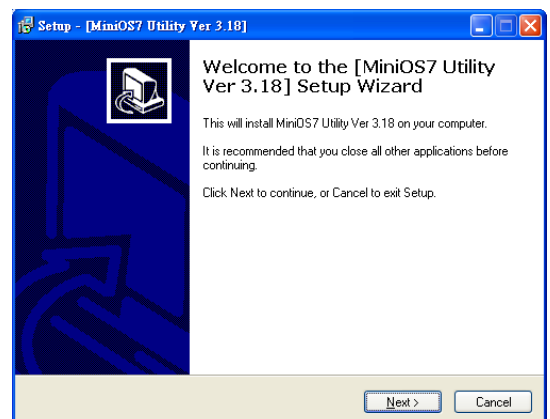
[ftp://ftp.icpdas.com/pub/cd/wise\\_cd/tools/minios7\\_utility/](ftp://ftp.icpdas.com/pub/cd/wise_cd/tools/minios7_utility/)

Note: MiniOS7 Utility is a tool for performing firmware upload and OS update for WISE modules embedded with ICP DAS MiniOS7.

### Step 2: Follow the prompts to complete the installation



After the installation has been completed, a new short-cut for MiniOS7 Utility will appear on the desktop.



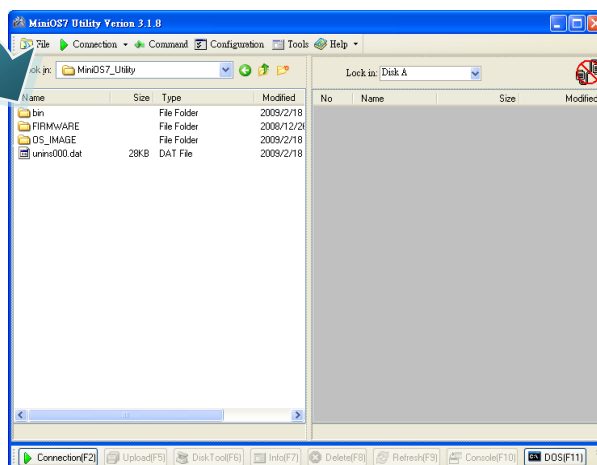
## 2. Establish a Connection

Before performing OS update for the WISE module, please establish a connection between PC and the WISE module.

### Step 1: Run the MiniOS7 Utility

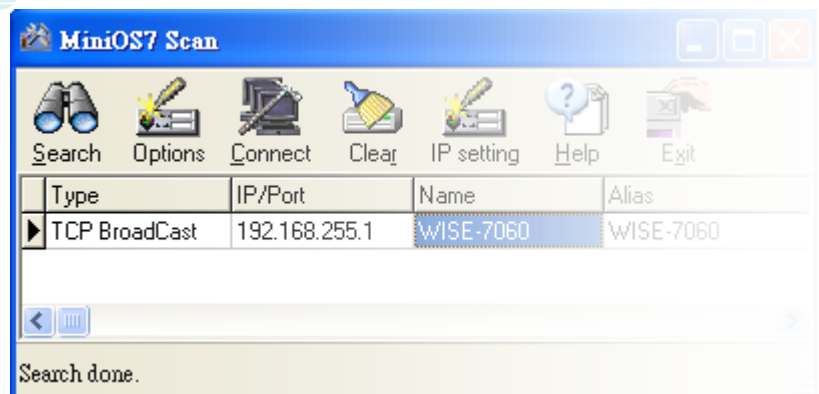
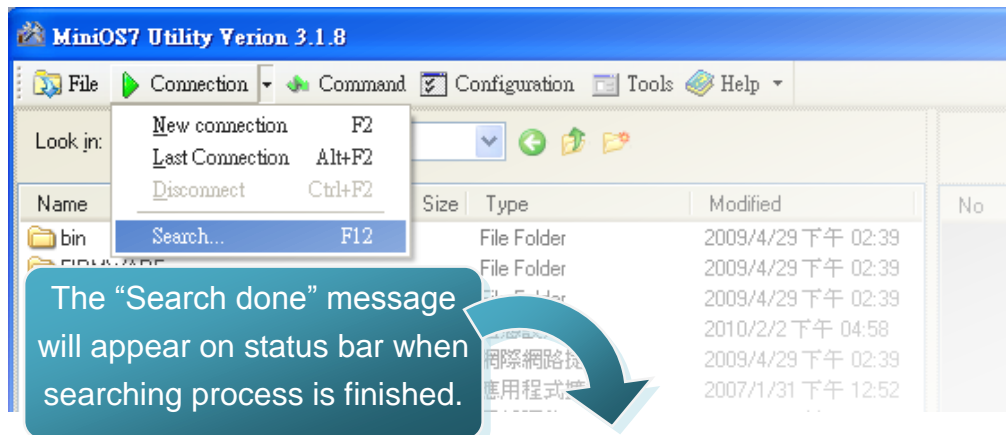


Double-click the MiniOS7 Utility shortcut on your desktop.



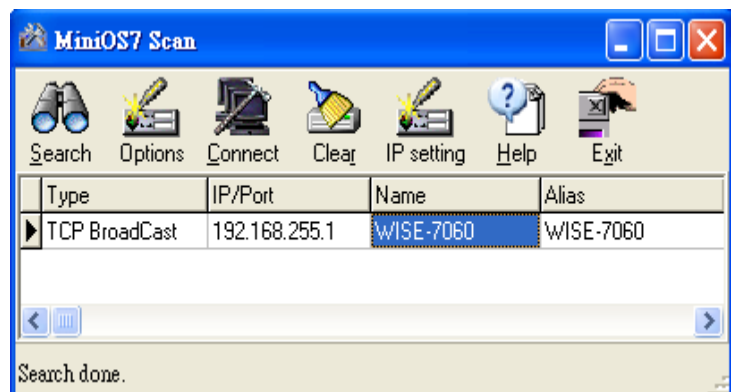
## Step 2: Press “F12” or click “Search” from the “Connection” menu

Press **F12** or click **Search** from **Connection** menu will automatically search and display all of the MiniOS7 modules that are currently connected to your network.



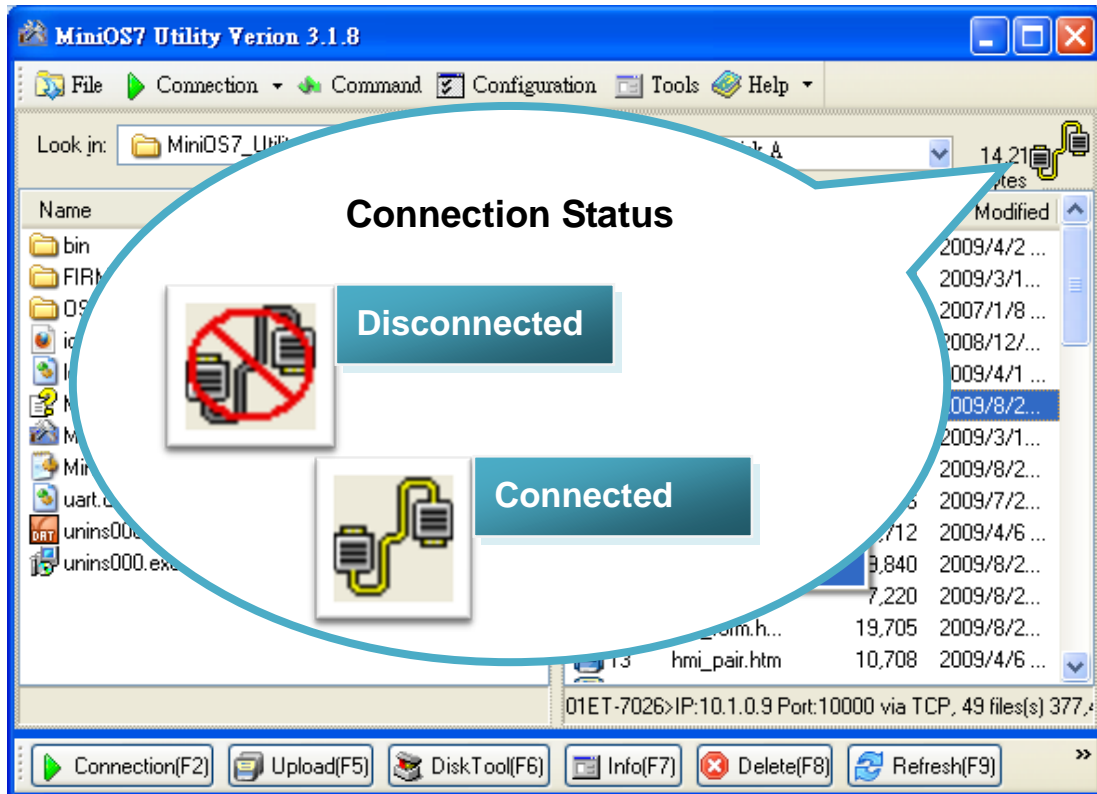
## Step 3: Double-Click on the WISE module name

Double-Click the module name from the list of the field to build a connection to the remote WISE module.



## Step 4: Check the connection status

Check the connection status from the upper right area of the window to make sure the connection has been established.



### 3. Modify the Connection Protocol (TCP/IP to UDP)

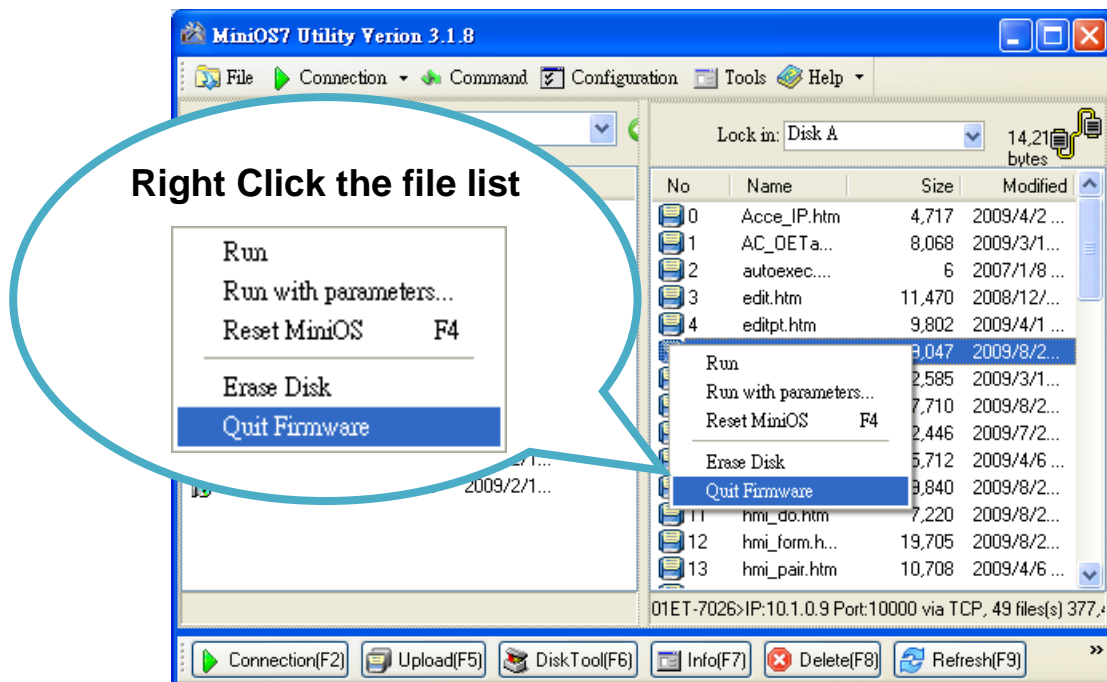
MiniOS7 Utility supports both UDP and TCP protocols. For MiniOS7 Utility, the TCP/IP is the default protocol for communicating with WISE modules, and the UDP is for OS update. Therefore, before you perform OS update, you might need to specify the protocol in use to be UDP instead of TCP.

#### Step 1: Establish a connection to the WISE module

For more detailed information about this process, please refer to "[Section 2: Establish a Connection](#)".

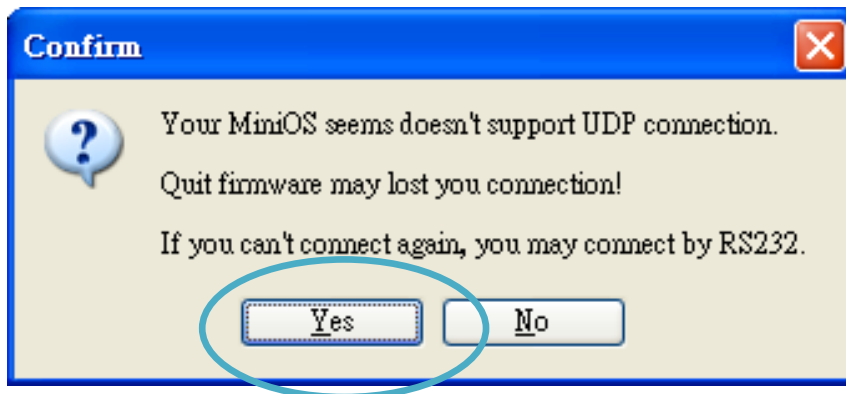
#### Step 2: Terminate the running process of the firmware

On the right side window, right click on any place and select "Quit Firmware" to terminate the running process of the firmware.



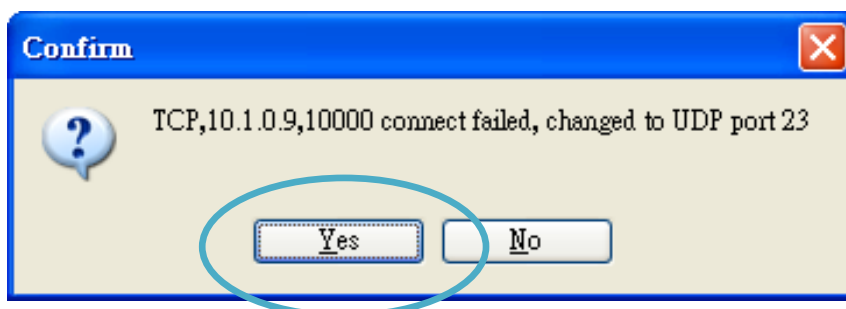
### Step 3: Confirm the termination of the firmware.

A Confirm dialog box will appear, click “**Yes**” button to terminate the running process of the firmware.



### Step 4: Specify using UDP protocol instead of TCP

After confirming the “Quick firmware” command, a confirm dialog box will appear; click **Yes** button to specify using UDP protocol instead of TCP protocol.



## 4. Update the WISE OS

### Step 1: Get the latest version of the OS image

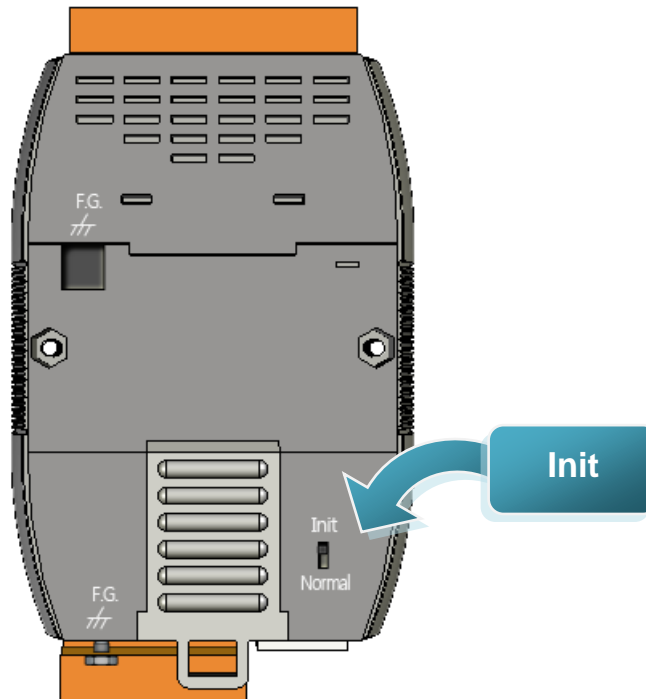
WISE-70xx & WISE-71xx	
Format	ET7K_UDP_YYYYMMDD.img ①      ②      ③ 1. Hardware Type 2. Protocol Type 3. Release Date
Download	CD:\WISE-70xx_WISE-71xx\os_image\ <a href="http://ftp.icpdas.com/pub/cd/6000cd/napdos/et7000/os_image/">http://ftp.icpdas.com/pub/cd/6000cd/napdos/et7000/os_image/</a>
WISE-780x & WISE-790x	
Format	7186EX_UDP_HR_YYYYMMDD.img ①      ②      ③      ④ 1. Hardware Type 2. Protocol Type 3. Hardware Feature Type 4. Release Date
Download	CD:\WISE-780x_WISE-790x\os_image\ <a href="http://ftp.icpdas.com/pub/cd/8000cd/napdos/7186e/os_image/">http://ftp.icpdas.com/pub/cd/8000cd/napdos/7186e/os_image/</a>
WISE-4000	
Format	G4500_YYYYMMDD.img ①      ② 1. Hardware Type 2. Release Date
Download	CD:\WISE-4000\os_image\ <a href="http://ftp.icpdas.com/pub/cd/usbcd/napdos/g-4500/software/os_image/">http://ftp.icpdas.com/pub/cd/usbcd/napdos/g-4500/software/os_image/</a>

Please note:

Additional features will continue to be added to WISE OS in the future, it is advised that you periodically check out ICP DAS web site for the latest updates.

## Step 2: Turn the switch to “Init” position

Turn the Init/Normal switch to **Init** position.



## Step 3: Establish a connection to the WISE module

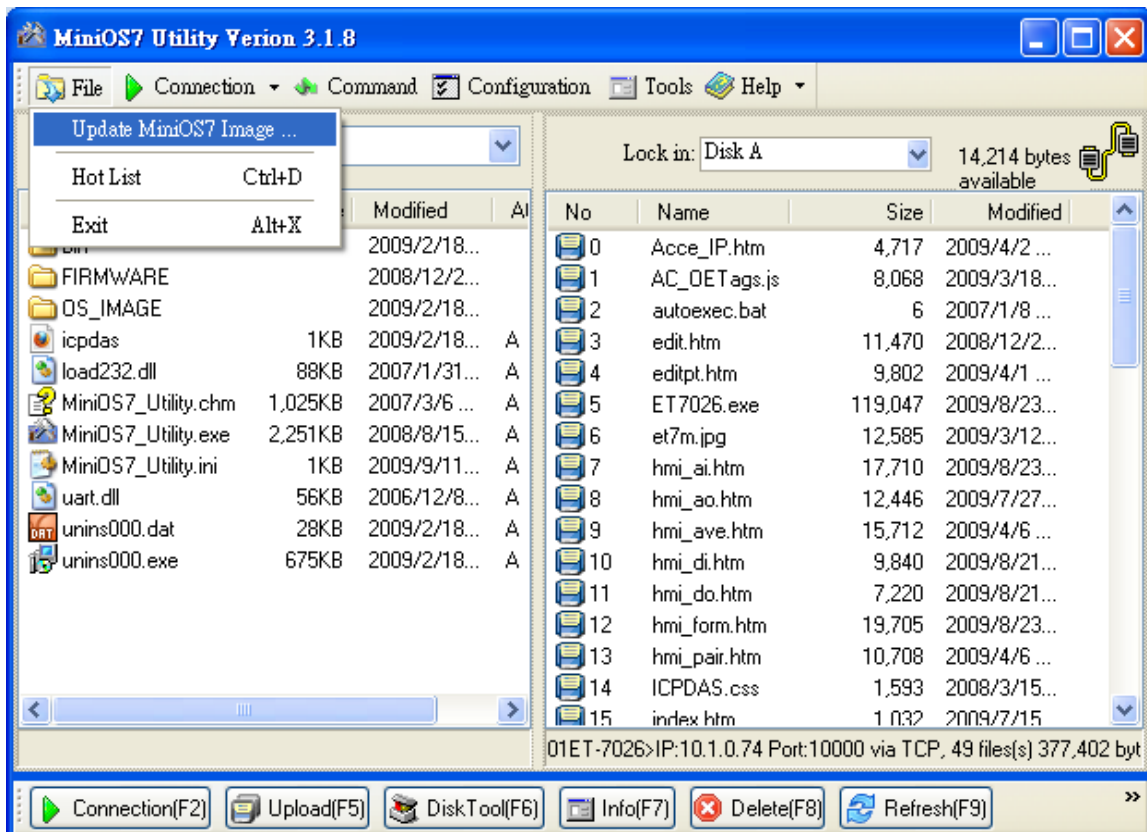
For more detailed information about this process, please refer to [“Section 2: Establish a Connection”](#).

## Step 4: Exchange the protocol

For more detailed information about this process, please refer to [“Section 3: Modify the Connection Protocol \(TCP/IP to UDP\)”](#).

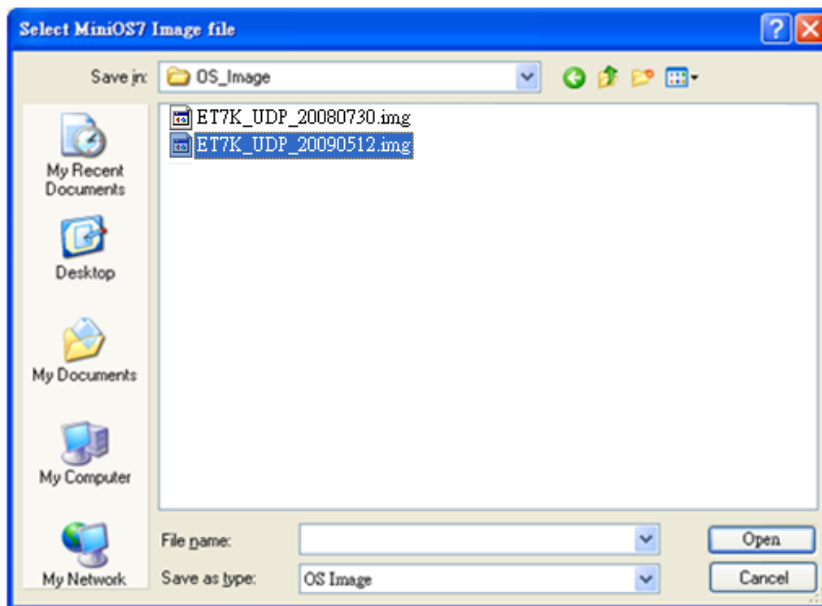
**Step 5: From the menu bar, click the “File” menu and select “Update MiniOS7 Image”**

From the menu bar, click the **File** menu and select **Update MiniOS7 Image** to start the update procedure.



## Step 6: Select the latest version of the MiniOS7 OS image file

A “Select MiniOS7 Image file” window will appear; browse to the location where you stored the latest version of the MiniOS7 OS image file, select the file and click “Open” to start the update procedure.



## Step 7: Click “OK” to finish the OS update procedure

It will take a while to load the image file, please wait until the following dialog appear, and then click **OK** button to finish the procedure.

