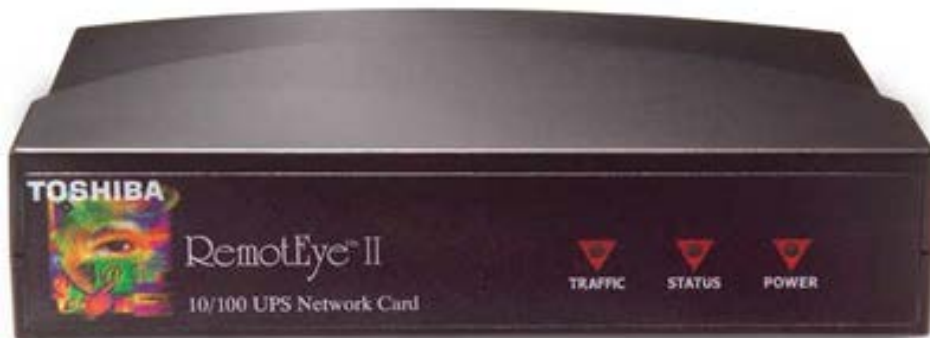


RemotEye II Quick Installation Guide

Windows Users



Installing RemotEye II/Internal

Follow these steps to install the RemotEye II/Internal card.

1. Slide the RemotEye II/Internal printed circuit board into the extension option slot of the UPS.
2. Secure the printed circuit board using the UPS-supplied screws.

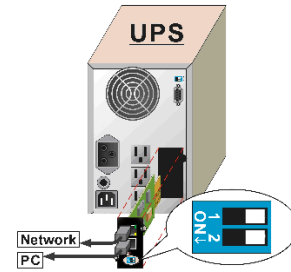


Figure 1: RemotEye II/Internal

Installing RemotEye II/External

Follow these steps to install the RemotEye II/External device.

1. Insert the power adapter cable of the RemotEye II into the 12 VDC power receptacle of the RemotEye II device.
2. Plug the RemotEye II power adapter into a 120/220 VAC power source. For best results, be sure outlet is powered by a Toshiba UPS.
3. Connect the UPS cable from the RS232 serial port of the Toshiba UPS to the RemotEye II/External UPS port.

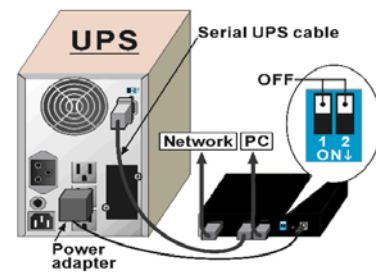


Figure 2: RemotEye II/External

Configuration

RemotEye II must be configured for proper operation on its network.

Configuring the RemotEye II via Terminal

The RemotEye II can be configured by directly connecting to the device.

Hardware Setup

Direct configuration is accomplished through the provided cable. Follow these steps to setup the hardware for direct RemotEye II configuration:

1. Connect the DB9 female end of the PC cable to the terminal or workstation COM port.
2. Connect the RJ45 end of the PC cable to the PC port of RemotEye II/External or the COM port of the RemotEye II/Internal.

Software Setup

The direct configuration is accomplished by using the RS232 communication protocol. The direct communication can be performed from a workstation running Terminal Emulator Software (TES)

Connecting to the RemotEye II via Terminal

A direct configuration session can easily be established once the hardware and software are properly set up. Follow these steps to begin configuration:

Terminal Emulator Example

To configure the RemotEye II from a Windows platform, use Hyperterminal or similar terminal emulator software. (Hyperterminal is terminal emulator software packaged with Pre-Windows 7 operating systems.)

1. Launch the Terminal Emulator program. (For Hyperterminal navigate to **Start → Programs → Accessories → Hyperterminal → Hyperterminal**, and follow the prompts.)
2. Enter a name and select an icon for the application at the Connection Dialog box.
3. Select a direct connection to an appropriate com port listed in the pull-down menu.
4. Ensure that the Properties dialog box is setup as follows:
 - 4.1. Baud Rate — 9600
 - 4.2. Data Bits — 8
 - 4.3. Parity — None
 - 4.4. Stop Bits — 1
 - 4.5. Flow Control — None
5. Press [Enter] and the RemotEye II version and Password field will be displayed (see **Figure 3: Console Login Screen**).
6. Enter the password (default is “public”) and press [Enter] to display the RemotEye II Main Menu.

```
+-----+
| [ TIC RemotEye II Login Menu ] |
+-----+
Enter Password: *****
```

Figure 3: Console Login Screen

The seven options provided in the RemotEye II Main Menu provide access to all system RemotEye II configuration parameters. These options (see the Main Menu Description on **Figure 4: Console Main Menu**) and their submenus are discussed in more detail in the next section.

```
+-----+
| [ TIC RemotEye II Main Menu ] |
+-----+
1. TIC RemotEye Configuration
2. SNMP Communities
3. SNMPV3 USM Table
4. Trap Receiver Table
5. Reset Configuration To Default
6. Save and Exit
7. Save and Restart Agent

Please Enter Your Choice =>
```

Figure 4: Console Main Menu

Toshiba RemotEye II Configuration

Main Menu → (1) Toshiba RemotEye II Configuration (see **Figure 5: Console Configuration Menu Description**).

```
+-----+
| [ TIC RemotEye II Configuration Menu ] |
+-----+
1. System Group
2. Control Group
3. Parameter Group
4. Email Group
5. EMD Group
0. Return to previous menu

Please Enter Your Choice =>
```

Figure 5: Console Configuration Menu Description

System Group

Main Menu →(1)Toshiba RemotEye II Configuration →(1) System Group (see **Figure 6: Console System Group Menu Description**).

The System Group provides access to the system settings listed below. The settings may be viewed or changed from this screen. When using the Dynamic Host Configuration Protocol (DHCP), items 1 – 3 will be retrieved automatically.

```
+-----+
| [ System Group Menu ] |
+-----+
RemotEye II Agent Version : TIC RemotEye II v3.00
Ethernet address : 00 E0 D8 08 80 0D
1. Ip Address : 172.18.1.63
2. Gateway Address : 172.18.1.1
3. Network Mask : 255.255.240.0
4. Date and Time
0. Return to previous menu

Please Enter Your Choice =>
```

Figure 6: Console System Group Menu Description

Making the Network Connection

Each Ethernet network is different. Therefore, the following steps should be used as an outline for connecting the RemotEye II to a network:

1. Connect one end of a Category 5 cable to the NETWORK RJ45 receptacle of RemotEye II.
2. Connect the other end of the Category 5 cable to a designated network switch or hub. A network administrator will allocate an available port.
3. Verify a network link has been established. On RemotEye II/External, confirm Traffic LED on RemotEye II is illuminated. On RemotEye II/Internal, confirm the leftmost, green LED is illuminated

Connecting to the RemotEye II via HTTP

A web session can be established once the hardware and software have been prepared. Follow these steps to begin configuration:

1. Launch the web browser.
2. Enter the URL for RemotEye II in the browser's address field. For example, <http://10.0.37.189>. The home page of the RemotEye II will be displayed once a connection is established (see **Figure 7: RemotEye II HTTP Page**).

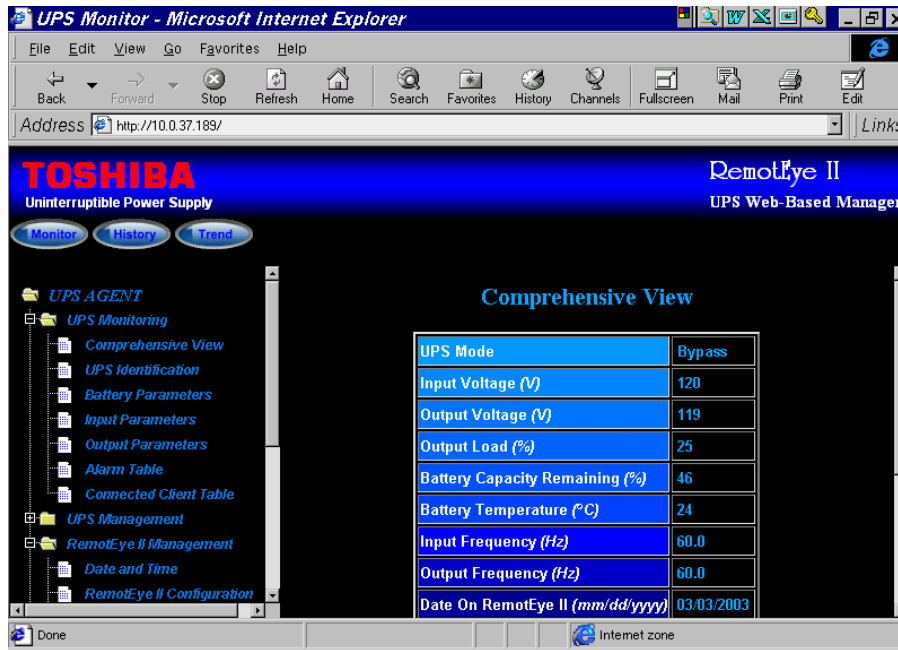


Figure 7: RemotEye II HTTP Page

Upgrading RemotEye II Firmware from Windows via Network

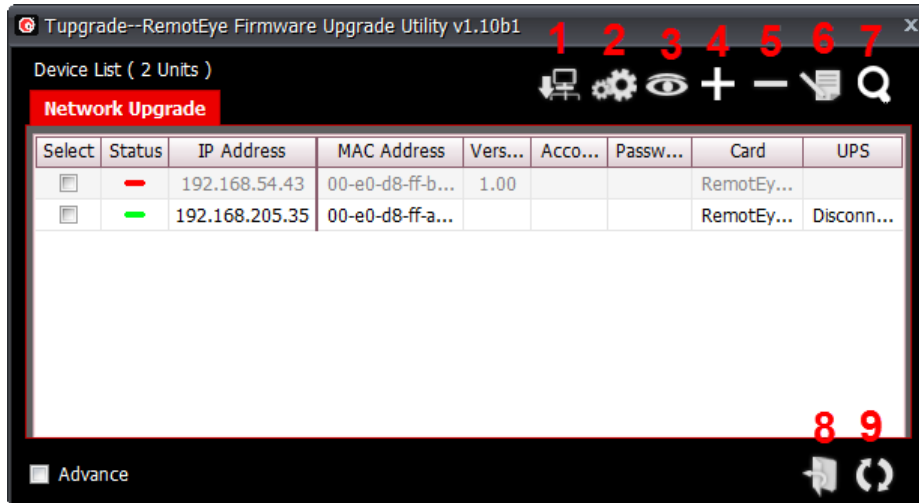


Figure 8: Tupgrade, RemotEye Upgrade Utility via Network

Table 1 Tupgrade Toolbar Functions

Toolbar ID	Icon Name	Description/Function
1	Set IP	Manually set found device IP address, subnet mask and gateway
2	Acquire	Get all device parameters. This generates a config file.
3	Browse	Use default browser to open homepage of selected device
4	Add	Pop-up <i>Add</i> dialog to add one device
5	Delete	Delete one or more selected devices.
6	Edit	Pop-up <i>Edit</i> dialog to modify a device configuration.
7	Discover	Discover all RemotEye devices on the network.
8	Open file	Open the location (directory) of uploaded file.
9	Upgrade Firmware	Upgrade firmware after unit selected and file uploaded

To perform a firmware upgrade, the RemotEye II must be connected to the same network as the workstation from which the upgrade file is to be sent. In the RemotEye II make sure the **Network Upgrade Control** is enabled, under **RemotEye II Control**, and that users have the Admin login and Password string information.

Here is the way to manually Upgrade RemotEye Firmware:

- 1) Web Interface: Go to **RemotEye II Management** → **RemotEye II Control** menu then Enable **Network Upgrade Control**.
Note: To enable the Network Upgrade user has to change the security level to administrator by logging in as Administrator.
- 2) Open the **Tupgrade** application software and click on the **Discover** icon. If no RemotEye devices auto populate the list, press on the + icon and enter the IP, Username, and Password. If it still does not appear check your network security and your computer firewall.
- 3) **Select the check box** right next to the RemotEye that will be updated.
- 4) Select the **Edit** button and enter the Username and Password.
- 5) Select the **Open File** button and select the firmware to be uploaded.
- 6) Select the **Upgrade Firmware** button to start the upgrade process.
- 7) When the upload is complete, the RemotEye will automatically reboot.

User Manual

The full RemotEye II User Manual (P/N 500024) is provided on the enclosed CD in electronic (PDF) format.

Contacting the TOSHIBA Customer Support Center

TOSHIBA's Customer Support Center can be contacted to obtain help in resolving any RemotEye II system problem that you may experience or to provide application information.

The Support Center can be reached at 877-867-8773 (toll free) or 713-466-0277. The center is open from 8 a.m. to 5 p.m. (CST), Monday through Friday.

You may also contact TOSHIBA by writing to:

TOSHIBA International Corporation
13131 West Little York Road
Houston, Texas 77041-9990.

For further information on TOSHIBA's products and services, please visit our website at [HTTP://WWW.TOSHIBA.COM/IND](http://www.toshiba.com/ind).