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RemotEye III Quick Installation Guide

Windows Users

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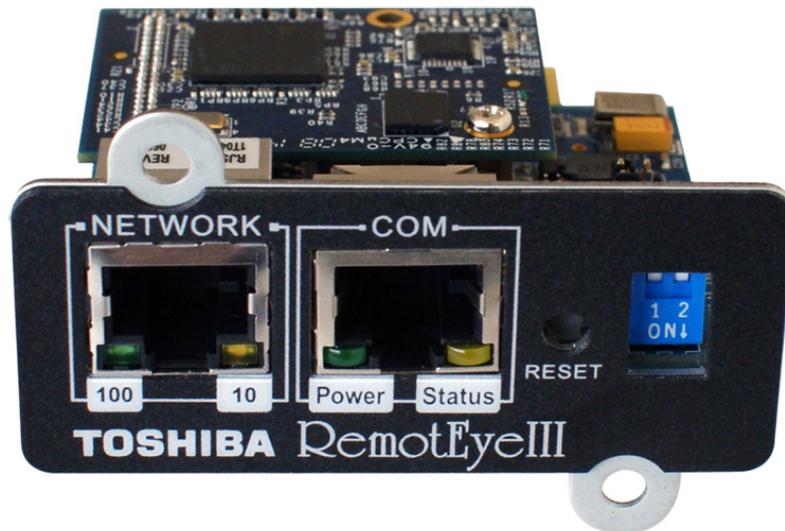
Installing RemotEye III

Follow these steps to install the RemotEye III internal card.

1) Slide the RemotEye III internal printed circuit board into the extension option slot of the UPS.

   Secure the printed circuit board using the UPS-supplied screws.(See Figure 1)
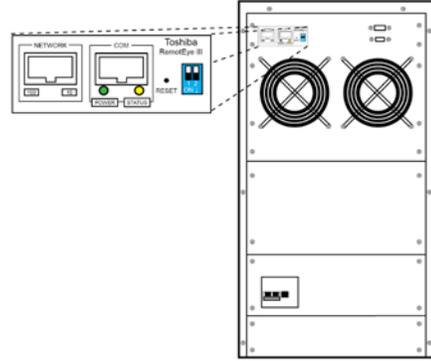
Figure 1: RemotEye III Circuit Card

Configuration

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

Configuring the RemotEye III via Terminal

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

Hardware Setup

Direct configuration is accomplished through the provided PC cable. Follow these steps to setup the hardware for direct RemotEye III configuration:
   a) Connect the DB9 female end of the PC cable to the terminal or workstation COM port.
   b) Connect the RJ45 end of the PC cable to the COM port of the RemotEye III/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 III 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 III from a Windows platform, use Hyperterminal. Hyperterminal is a standard terminal emulator packaged with any Windows operating system. Launch the Hyperterminal program by navigating to:
 Start → Programs → Accessories → Communications → Hyperterminal → Hyperterminal, and follow the prompts.

Enter a name and select an icon for the application at the Connection Dialog box.
Select a direct connection to an appropriate com port listed in the pull-down menu.
Ensure that the Properties dialog box is setup as follows:

    Baud Rate —9600
    Data Bits — 8
    Parity — None
    Stop Bits — 1
    Flow Control —- None

Press [Enter] and the RemotEye III version and Password field will be displayed (See Figure 2).
Enter the password (default is "ADMIN") and press [Enter] to display the RemotEye III Main Menu.

       Default Password (case sensitive): **ADMIN**

```
+====================================================================+
|                      [ TIC RemotEye III Login Menu ]               |
+====================================================================+
Enter Password: ******
```

Figure 2: Console Login Screen

The seven options provided in the RemotEye III Main Menu provide access to all system RemotEye III configuration parameters. These options (see the Main Menu Description on **Figure 3: Console Main Menu**) and their submenus are discussed in more detail in the next section.

```
+====================================================================+
|                      [ TIC RemotEye III 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 3: Console Main Menu

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Toshiba RemotEye III Configuration

Main Menu →(1) Toshiba RemotEye III Configuration (see Figure 4: Console Configuration
Menu Description).

```
+====================================================================+
|                [ TIC RemotEye III 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 4: Console Configuration Menu Description

System Group

Main Menu →(1)Toshiba RemotEye III Configuration →(1) System Group (see Figure 5:
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 III Agent Version : TIC RemotEye III v1.00
      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 5: 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 III to a network:

1. Connect one end of a Category 5 cable to the NETWORK RJ45 receptacle of
   RemotEye III.
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. Confirm the leftmost green LED is
   illuminated

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Connecting to the RemotEye III 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 III in the browser's address field.   For example, http://10.0.37.189. The home page of the RemotEye III will be displayed once a connection is established (See figure 6).

Default: Login: **TOSHIBA**
                Password (case sensitive): **ADMIN**
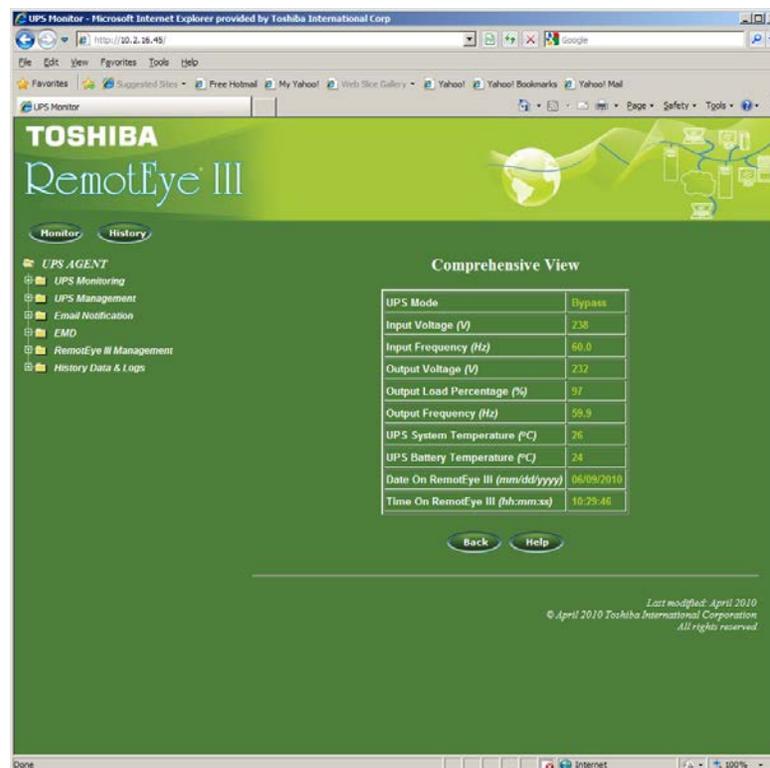
Figure 6: RemotEye III HTTP Page

Upgrading RemotEye III Firmware from Windows via Network
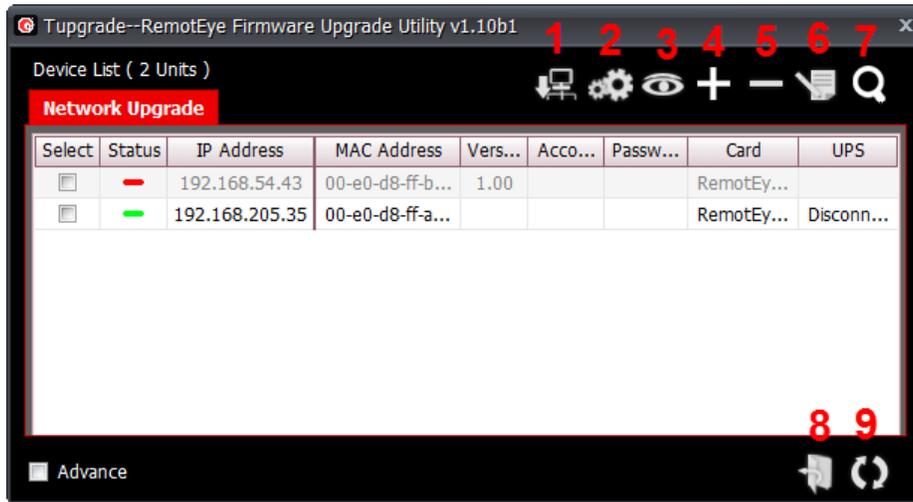
Figure 7: Tugrade, RemotEye Upgrade Utility via Network

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 *Add* dialog to add one device
5	Delete	Delete one or more selected devices.
6	Edit	Pop-up Edit 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, RemotEye III must be connected to the same network as the workstation from which the upgrade file is to be sent. In the RemotEye III make sure the **Network Upgrade Control** is enabled, under **RemotEye III Control**, and that users have the Admin login string information and Password.

Here is the way to manually Upgrade RemotEye Firmware:

1) Web Interface: Go to **RemotEye III Management → RemotEye III Control** menu then Enable **Network Upgrade Control**.

   Note: To enable the **Network Upgrade Control** *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.

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User Manual

The full RemotEye III User Manual (P/N 62330) 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 III 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.