

Utility
Snapshot Utility
V2.1

User's Manual

APP-2200

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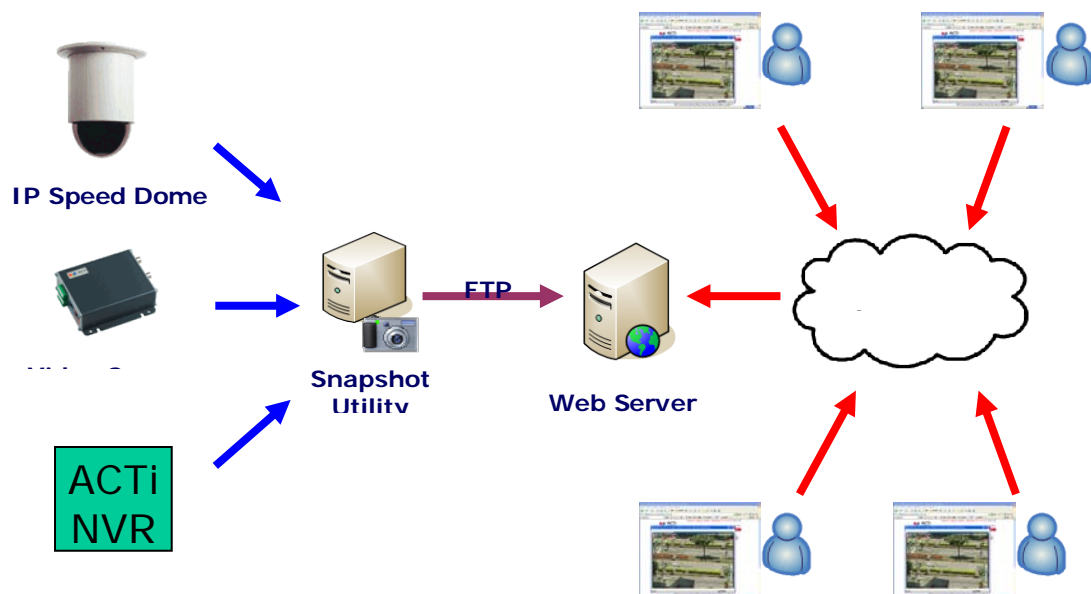
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Introduction

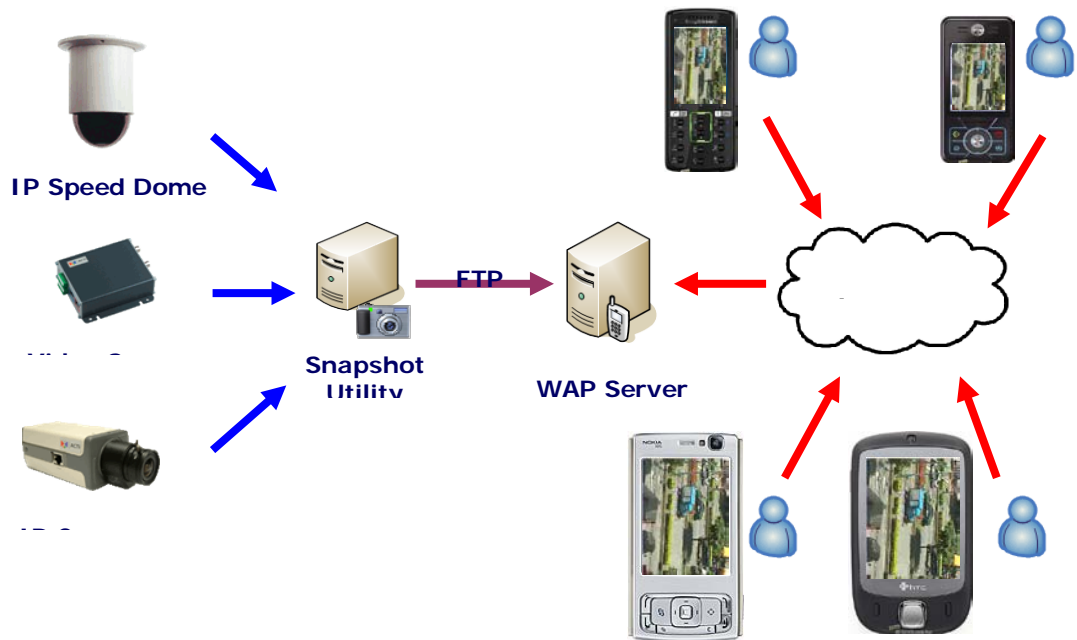
Functionality

- **Snapshots**
- **Send to FTP**
- **Serve multiple access**
- **Application Type**
 - Internet Viewing
 - Mobile Phone Viewing
 - Mo-soft Software on Nokia, Sony Ericsson

Snapshot Utility Positioning



Snapshot Utility Positioning



Setup

Step1.Select a Channel ID

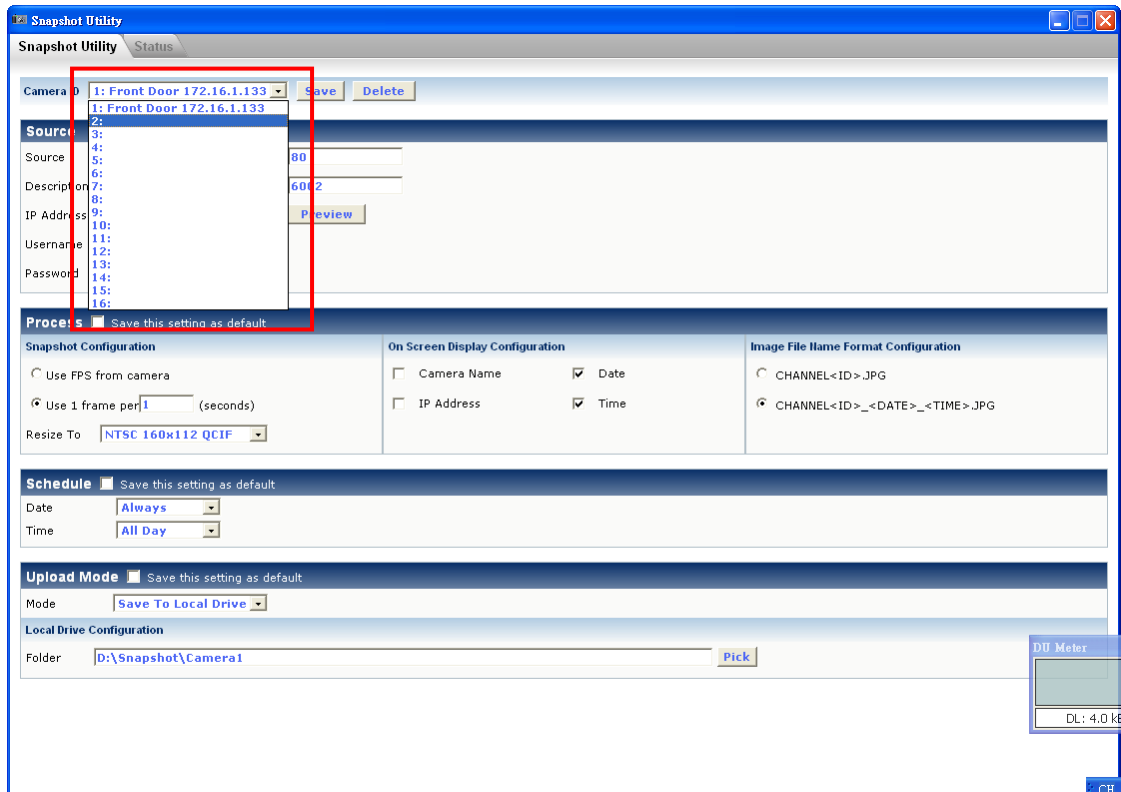


Figure 1

Select a Channel ID to setup all configuration in snapshot utility
It will show description and Source in drop down list.

Step2.Select Source

Select IP Camera Source

The screenshot displays the 'Snapshot Utility' web interface. At the top, there are tabs for 'Snapshot Utility' and 'Status'. Below this, a 'Camera ID' dropdown is set to '1', with 'Save' and 'Delete' buttons and an 'Auto-connect when utility start up' checkbox. The main configuration area is divided into several sections:

- Source** (highlighted with a red box):
 - Source: dropdown menu
 - Stream ID: 0
 - Description: Camera1
 - Channel Number: 1
 - Server Address: text input
 - Http Port: 80
 - Username: text input
 - Video Port: 6002
 - Password: text input
 - Save&Preview button
- Process**:
 - Snapshot Configuration: Radio buttons for 'Use FPS from camera' (selected) and 'Snapshot every 0 seconds', plus a 'Resize To' dropdown set to 'Original Size'.
 - On Screen Display Configuration: Checkboxes for 'Camera Name', 'Date', 'IP Address', and 'Time'.
 - Image File Name Format Configuration: Radio buttons for 'CHANNEL<ID>.JPG' and 'CHANNEL<ID>_<DATE>_<TIME>.JPG' (selected).
- Schedule**:
 - Date: Always
 - Time: All Day
- Upload Mode**:
 - Mode: dropdown menu

Figure 2

1. Select IP Camera option in source item.
2. Fill in IP Address of camera or video server.
3. Fill in Video Server HTTP port.
4. Fill in Video Server Video port.
5. Fill in Stream ID
6. Fill in Channel Number
7. Click Preview button to see if it can connect to camera.

Select NVR Source

The screenshot shows the 'Snapshot Utility' web interface. The 'Source' section is highlighted with a red box. It contains the following fields and options:

- Source:** NVR (dropdown)
- Http Port:** 80
- NVR IP Address:** 172.16.1.206
- NVR Camera List:** 1: ACTI-DN (dropdown)
- Description:** Front Door
- Video Port:** 6002
- NVR Username:** Admin
- NVR Password:** kitty
- NVR Http Port:** 80
- IP Address:** 192.168.1.194
- Username:** Admin
- Password:** 123456

A 'Get Camera' button is located next to the NVR Camera List field. Below the 'Source' section are sections for 'Process' (Snapshot Configuration and On Screen Display Configuration), 'Schedule', and 'Upload Mode'.

Figure 3

1. Fill in NVR IP Address, Username, Password and HTTP Port.
2. Click “Get Camera List” Button to get camera list in NVR Server.
3. Select a camera from NVR Server in drop down list.
4. Column of camera setting will be locked to prevent from being modified.
5. If Save this setting as default checkbox is checked, NVR IP Address, NVR Username, NVR Password, NVR HTTP port, NVR Camera List data will be saved as default.

Step3.Setup Process

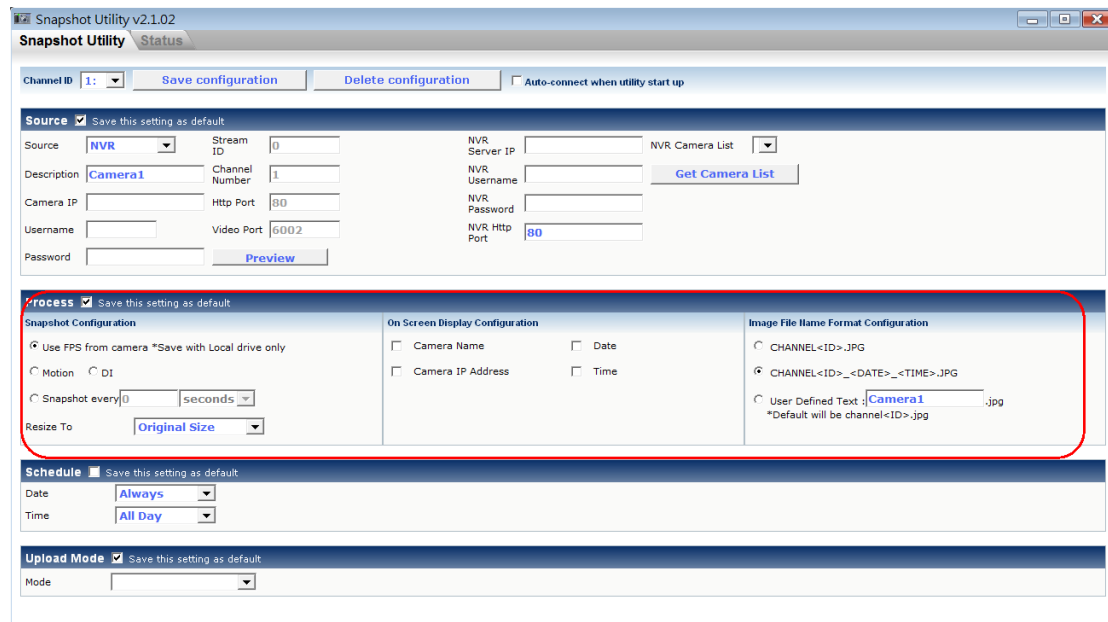


Figure 4

Snapshot Configuration

There are four options to set your snapshot rule.

1. Use FPS from camera will capture pictures per second as FPS setting.
2. When motion trigger in NVR, snapshot utility will capture picture and upload file as your setting
3. When DI trigger in NVR, snapshot utility will capture picture and upload file as your setting
4. Fill the interval of capture image from camera.

Except snapshot rule, you also can resize your snapshot image to 160X112 QCIF, 352x240 CIF, 640x480 VGA, 720x480 Full D1 and 1280x1024 SXGA

On Screen Display Configuration

- 1 Check the item to show on frame.
 - 1.1 Camera Name
 - 1.2 Camera IP Address
 - 1.3 Date
 - 1.4 Time

Image File Name Format Configuration

Select the file name format.

1. Default will be Channel<ID>.jpg
2. Channel<ID>_<Date>_<Time>.jpg
3. User defined text

Note: if you select Channel<ID> or user defined text as the snapshot file name, it will replace the old one

Step4.Setup Schedule

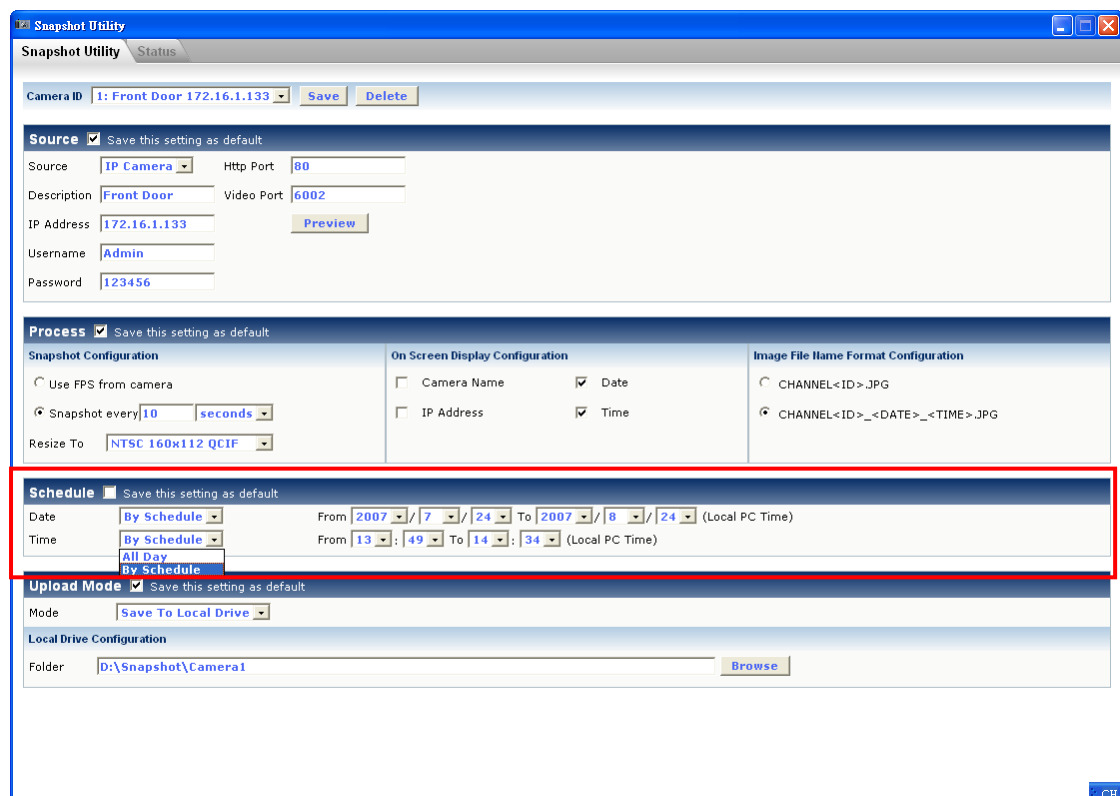


Figure 5

1 Schedule setting

1.1 Select run process by schedule setting or always.

1.1.1 Always: User can set the schedule setting to always in date or time

1.1.2 By schedule: User can set the schedule setting by user defined date or time

1.2 If run by schedule, setup schedule in the columns.

Step5.Setup Uplaud Mode

After snapshot, system can select upload mode to dispatch the snapshot file to user, or storage.

The upload mode includes:

1. Save to Local Drive
2. FTP
3. Send by email

Save to Local Drive

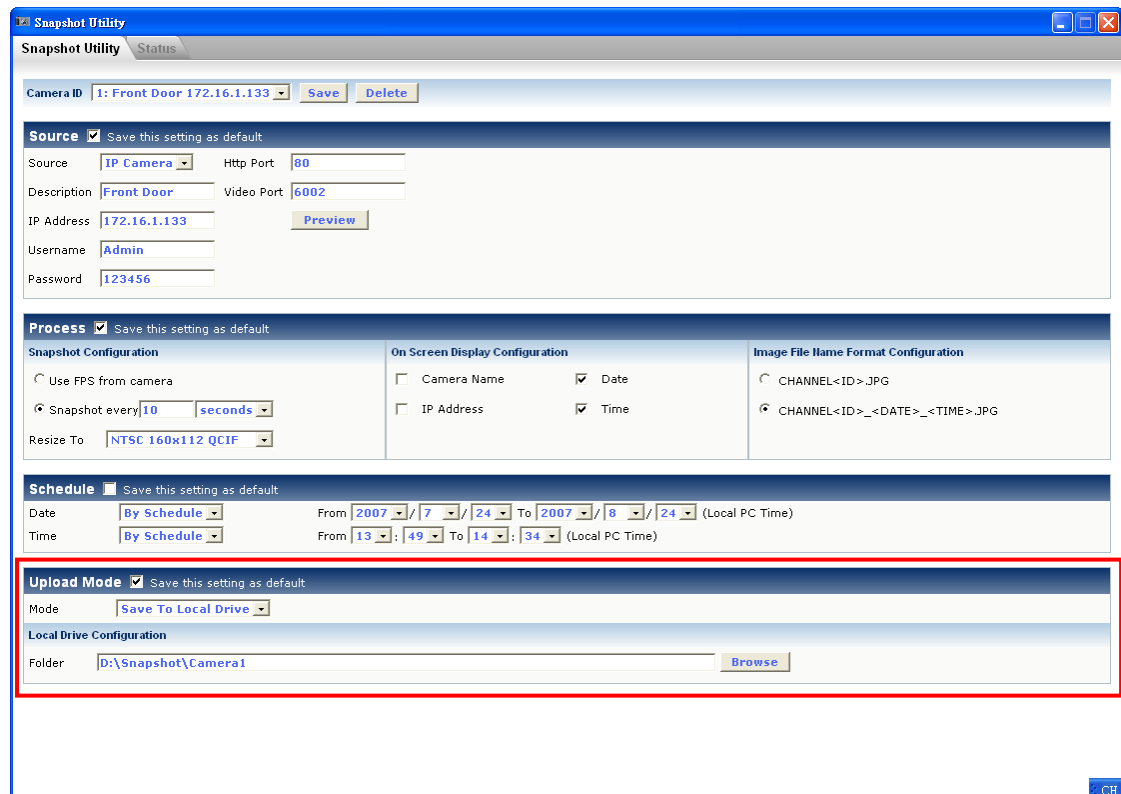


Figure 6

1. Browse a existing folder to save file.

Upload to FTP

The screenshot shows the 'Snapshot Utility' web interface. The 'Camera ID' is '1: Front Door 172.16.1.133'. The 'Source' section is configured with 'IP Camera', 'Http Port: 80', 'Description: Front Door', 'Video Port: 6002', 'IP Address: 172.16.1.133', 'Username: Admin', and 'Password: 123456'. The 'Process' section includes 'Snapshot Configuration' (Snapshot every 10 seconds, Resize To: NTSC 160x112 QCIF), 'On Screen Display Configuration' (Camera Name, IP Address, Date, Time), and 'Image File Name Format Configuration' (CHANNEL<ID>.<DATE>.<TIME>.JPG). The 'Schedule' section is set to 'Always' and 'All Day'. The 'Upload Mode' is 'Upload TO FTP'. The 'FTP Configuration' section, highlighted with a red box, contains: 'FTP Server: 172.16.1.222', 'FTP Port: 21', 'Username: sa', 'Password: sa', and 'FTP Folder: \\Snapshot\\Camera1'. A note below the FTP Folder field states: '*Folder will be created if not exist.' The interface also includes 'Save' and 'Delete' buttons for the camera configuration.

Figure 7

- 1 **Fill in FTP login information.**
 - 1.1 **FTP server:** Fill with FTP server IP address or domain name
 - 1.2 **Login information:**
 - 1.2.1 **User name and password**
 - 1.2.2 **FTP port**
- 2 **Fill in a path on FTP to upload.**
 - 2.1 **For example “\\Snapshot\\Camera1”**
- 3 **You can check the box “Delete file after upload successful” to delete file from local drive after upload successfully.**

Send Mail

The screenshot shows the 'Snapshot Utility v2.1.02' interface. The 'Upload Mode' section is highlighted with a red box. It includes a 'Mode' dropdown set to 'Send Mail' and an unchecked checkbox for 'Delete file after upload successful'. Below this, the 'SMTP Configuration' section contains fields for SMTP Server, Username, Password, SMTP Port (set to 25), Mail From, Mail To, Mail Cc, and Subject. Other sections visible include 'Source', 'Process', and 'Schedule'.

Figure 8

- 1 **Fill in SMTP server login information.**
 - 3.1 **SMTP server: Fill with SMTP server IP address or domain name**
 - 3.2 **Login information:**
 - 3.2.1 **Username and password: If need to authenticate before send mail, fill in SMTP username, password.**
 - 3.2.2 **SMTP port**
- 2 **Fill in Mail from, Mail to, Mail CC and subject.**
- 3 **If there are more than 1 receiver, split e-mail account by “;”**
 - 3.1 **Example: user1@yahoo.com;user2@msn.com;**
- 4 **You can check the box “Delete file after upload successful” to delete file from local drive after upload successfully.**

Step6.Start Snapshot

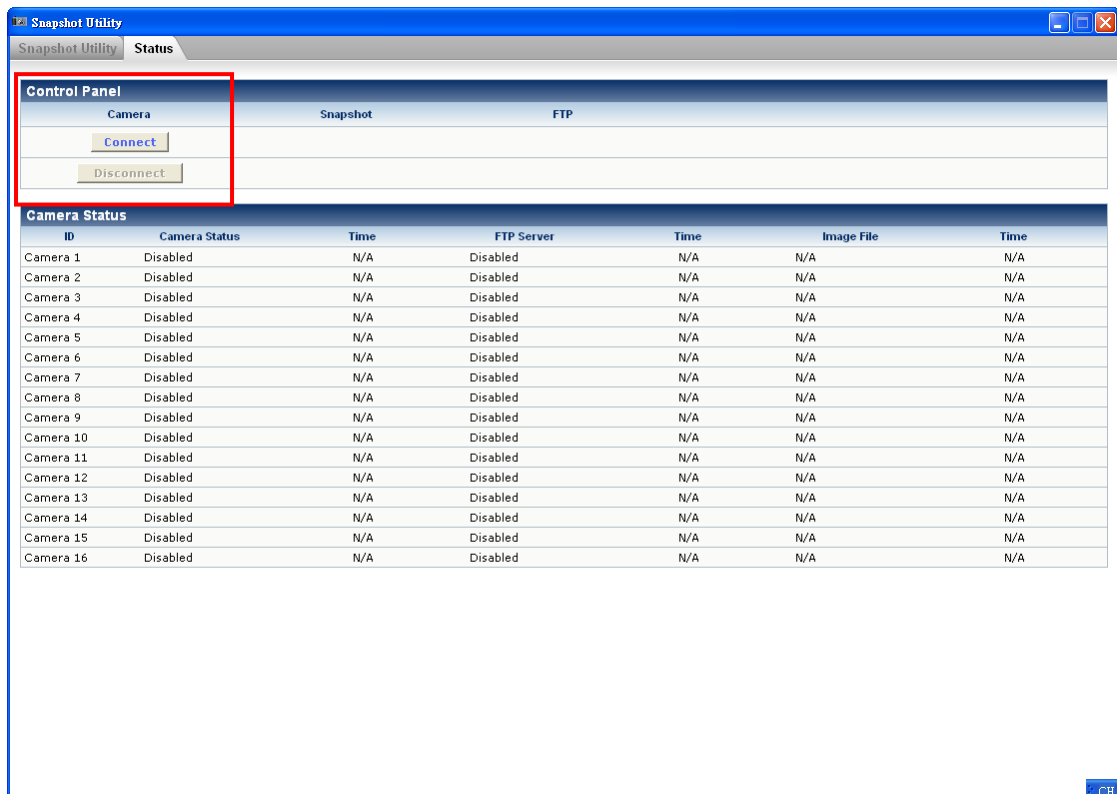


Figure 9

1. Click “Connect All” button to connect all camera, and it will start to snapshot with your channel configuration.
2. Click “Disconnect” button to stop all snapshot and disconnect camera.

Status

User can check all status in Status panel

Channel Status

- 1 **Channel ID:**
Display the channel information from ID1 to 16
- 2 **Channel Status**
 - 2.1 **Disable:** Channel is not configured
 - 2.2 **Connect:** Channel connect and do snapshot as you need
 - 2.3 **Disconnect:** Channel is not in connect status, and will not snapshot
- 3 **Channel Connection time**
 - 3.1 **Start time:** if channel connecting, it will show the channel connect time
 - 3.2 **End time:** if channel disconnect, it will show the channel disconnect time
- 4 **Upload mode status**
 - 4.1 **Local drive:** Snapshot and save to local drive
 - 4.2 **FTP:** Snapshot and upload with ftp
 - 4.3 **Save Mail:** Snapshot and transfer with email
- 5 **Image file**
 - 5.1 It will show file path in local drive
- 6 **File created time**