Blackjack® NAS

Network Attached Storage

16 Bay
DW- BJ16NASR80T DW-BJ16NASR160T

Default login Information for Blackjack® NAS™

Username : **admin**	Password : **admin1234**

SUPPLIED ITEMS

Please unwrap the product, and place the product on a flat place or in the place to be installed.

Make sure that you have following items supplied. If any of these items are missing or damaged, notify your vendor immediately. Keep the packing utilities for moving or storage purposes.

	Network Cable 1 set		Front door lock key
	Power Cable 2 set		HDD Screws (1 bag)
	Rack Mount Kit 1 set		Rack Mount Kit Screws (1 bag) Rack screws not included
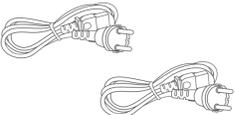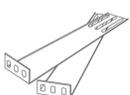
![Blackjack NAS — Network Attached Storage]

NOTE: Download all your support materials and tools in one place.

1. Go to: http://www.digital-watchdog.com/support-download/

2. Search you product by entering the part number in the **'Search by Product'** search bar. Results for applicable part numbers will populate automatically based on the part number you enter.

3. Click **'Search'.** All supported materials, including manuals, quick start guide (QSG), software and firmware will appear in the results.

Attention: This document is intended to serve as a quick reference for initial set-up.
See the DW Spectrum® IPVMS full manual for more information of features and functionality.

HARDWARE

Front-side I

1	Error LED
2	Network LED
3	Door-lock key
4	Front LCD
5	Button 1
6	Button 2

Front-side II

1	Mute LED
2	Mute switch
3	Power LED
4	Power button

Blackjack® NAS
Network Attached Storage

Rear-side

1	Power supply
2	USB port
3	Console port
4	

Network port
LAN1 ~LAN4 from left
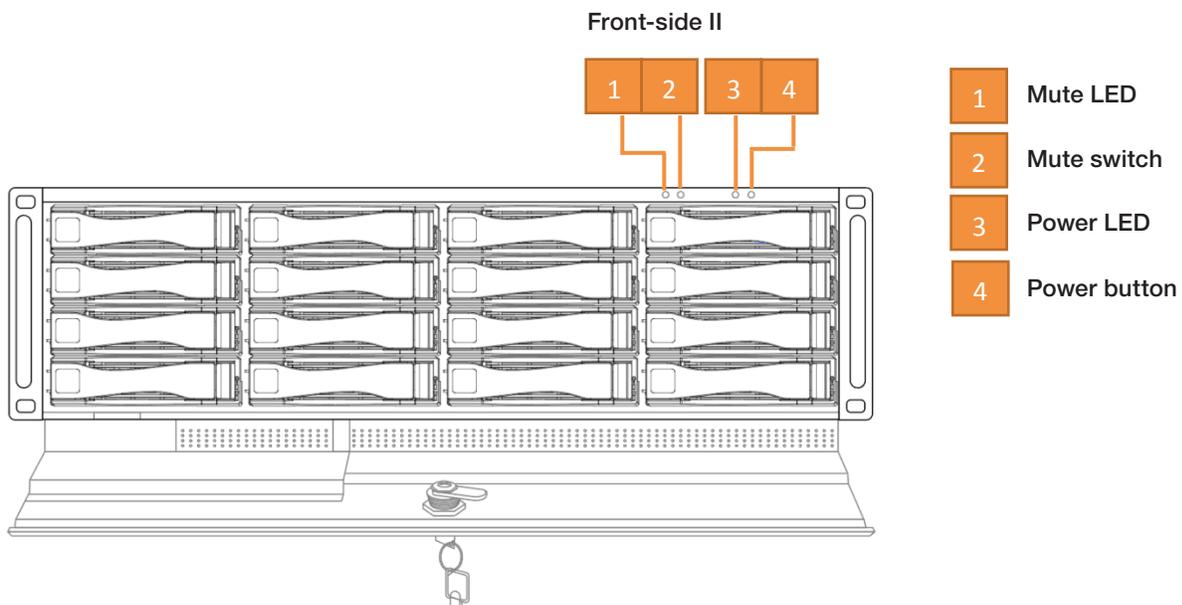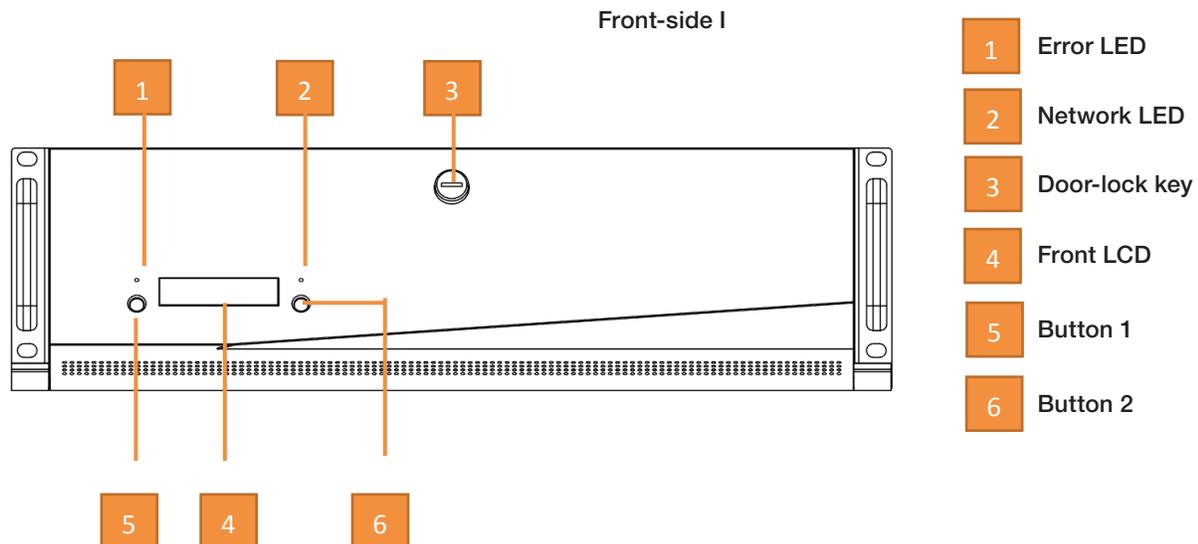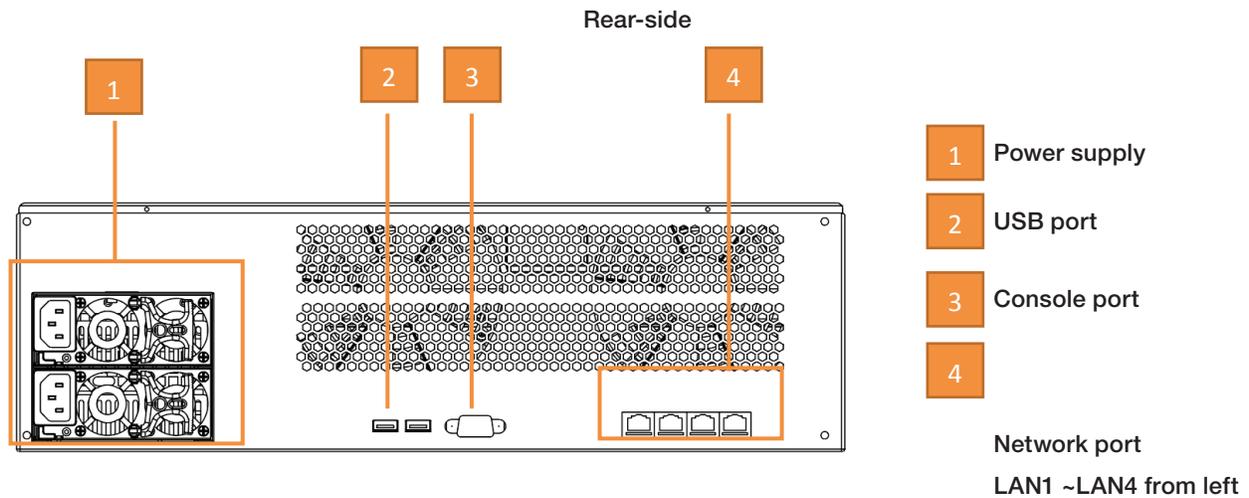
SETTING UP THE BLACKJACK® NAS RACK

Connecting to
Blackjack® server

Connect to LAN1 on the NAS

Connect to power source.
Recommend to connect
directly to UPS

16Gps switch
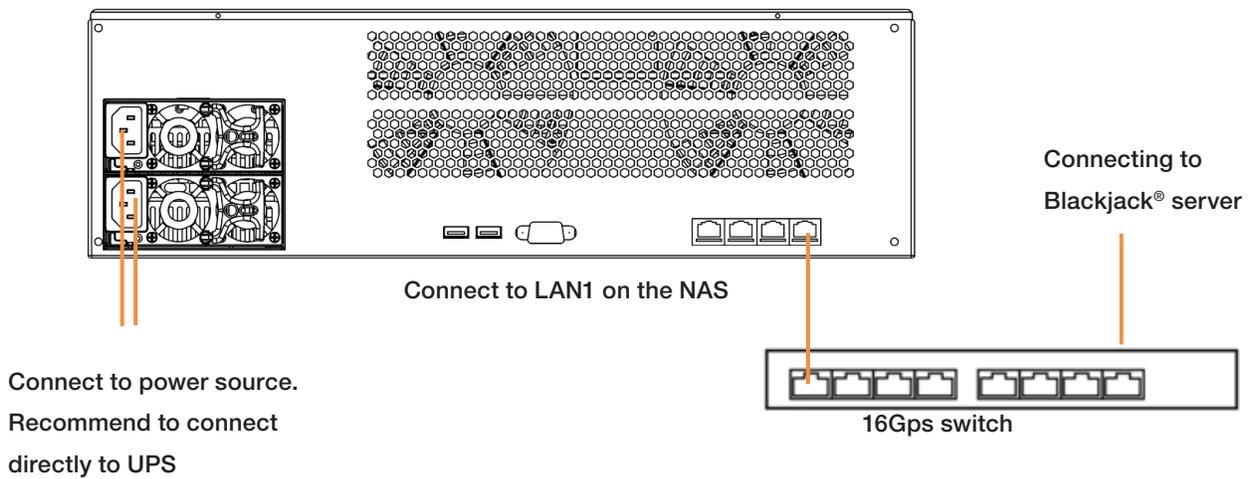
STEP 1: Connecting the network cable

1. Locate the network switch where the DW Spectrum® IPVMS server is connected to.

   (Blackjack® NAS RACK must be on the same network as the DW Spectrum® IPVMS server where it will be added to)

2. Connect the network cable to the network port 1 and to the network switch.

NOTE It is required to use Gigabit switch

STEP 2:   **Turn on the System**

1. Connect the power cable of the device to the power source.

2. Press the power button for 3 seconds on the front panel.

  - The booting status can be viewed from front LCD.

  - Booting is complete and ready to use when LCD displays.

```
RAID GROUP1
RAID5 OK
```

STEP 3:   **Configure network (for Windows)**

Device's
Network Settings

Filter Search Results

Search for Devices

Select which
Network to Scan

Show/Hide Thumbnail View

Camera's Live
Thumbnail View

Devices Firmware Version

Device Name,
Model, IP Address,
and MAC Address

Firmware Upgrade

1. From the Windows based Blackjack® server or any Windows PC, open DW IP Finder™ by double click on the DW IP Finder™ icon [icon] on the Desktop or click on DW IP Finder™ from Start Menu > All Programs > DW IP Finder™.
   * Must be on the same subnet as Spectrum server

2. If the DW IP Finder™ is not installed or not the latest version, download and install from http://digital-watchdog.com/support.

   - Under Software, select DW IP Finder™ from the drop down list.

   - Then go to Downloads section and expand Software/Firmware.

   - Click on the download icon to download the DW IP Finder™.

   - Then install the DW IP Finder™ by following the installation wizard.

   * Requires DW IP Finder™ 4.3.17 or later version

3. When the DW IP Finder™ is opened, it will scan and list all the DW cameras and Blackjack® NAS RACK that are on the selected network.

4. If the Blackjack® NAS RACK is not listed, change the network* by clicking the drop down and select another network if exist. Then click [Find Devices] to scan the network for the Blackjack® NAS RACK.

- If it's showing incorrect network, select the correct network from the drop down list.

Network Local Area Connection 3 [192.168.1.180]

5. Find the Blackjack® NAS RACK from the list, then either double click on the [Blackjack NAS] or click [Click] under the IP Conf column.
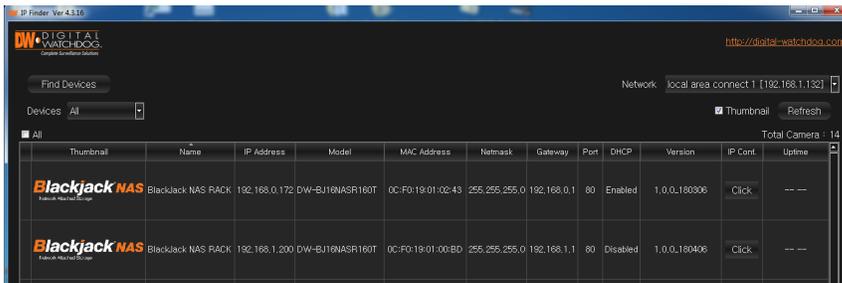
6. From the device setting dialog window, enter IP Address, Netmask and Gateway then click Apply to save changes then close the Dialog.
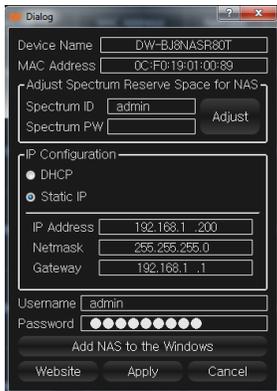
*Consult with your IT or network administrator If you do not have IP information.

NOTE: Default IP info

IP Address: 192.168.1.200

Subnetmask: 255.255.255.0

Gateway: 192.168.1.1

ADD STORAGE TO DW SPECTRUM® IPVMS MEDIA SERVER

For Windows

1. Once the new IP have been applied, click on Find Devices to update the changes.

2. Find the Blackjack® NAS RACK from the list, then either double click on the [Click] or click on the [Blackjack NAS] under the IP Conf column.

3. Open the Device Settings dialog to add storage to the Windows and to DW Spectrum® IPVMS media server.

5
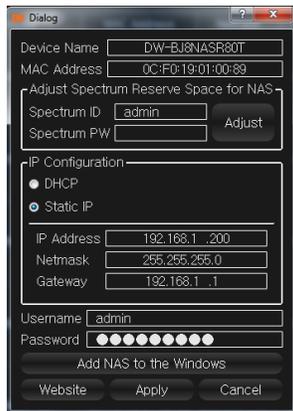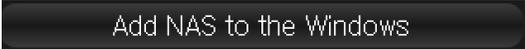
4.   Click on the **Add NAS to the Windows**

5.   Script will run to add the NAS storage volumes to the Windows. Upon successful execution of the script, the following result will be displayed.

6.   Upon successful completion of the installation, "Success" for both DISK1 and DISK2, click on the black space then press any key on the keyboard to close the Window.

7.   Close the Windows of the new volumes created by the script.

8.   Close the Device Setting dialog box and minimize the DW IP Finder™.

9.   Open DW Spectrum® IPVMS Client by double click the DW Spectrum® IPVMS icon

     On the Desktop or click on DW Spectrum® IPVMS from Start > All Program > Digital Watchdog

10. Login to the DW Spectrum® IPVMS server where the Blackjack® NAS RACK is connected to.
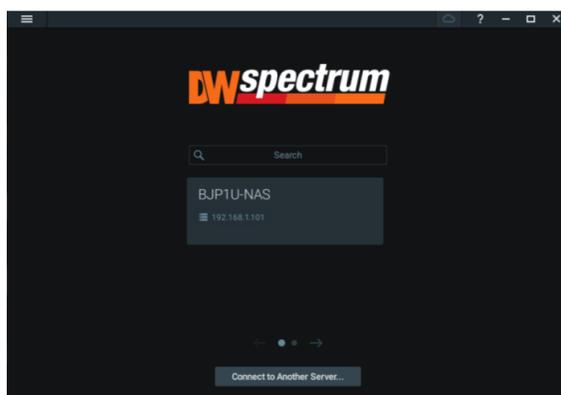
11. Right click on the server name listed on the Resources then click Server Settings.
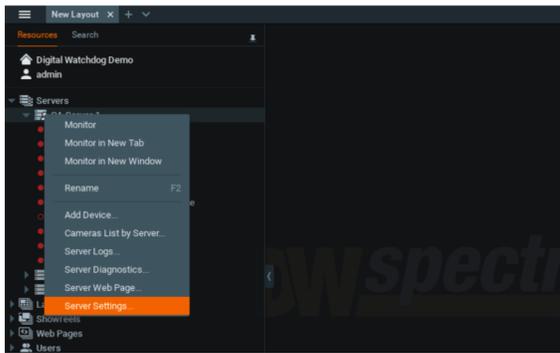
12. From the Storage Management tab, enable the recordings to the newly created volumes on the Blackjack® NAS RACK by clicking

    It will show green when enabled

    * if you have local drive turned on for recording, please contact Tech Support for options.

13. Select storage type as either Main or Backup. (Refer to the DW Spectrum® IPVMS manual for detail information of the storage type).
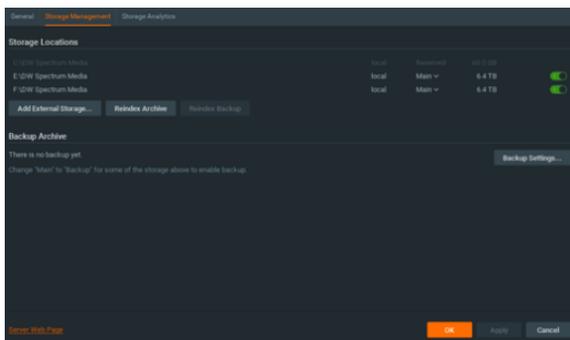
14. Click Apply or OK to save the changes.

ADJUST DW SPECTRUM® IPVMS RESERVE SPACE FOR BLACKJACK® NAS RACK

1. Restore the DW IP Finder™ and open the Device Settings to adjust DW Spectrum® IPVMS reserve space for Blackjack® NAS RACK. (NAS should have 100GB reserve space per volumes).
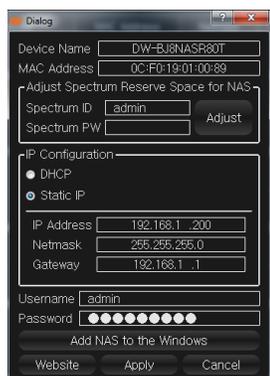
2. Input the DW Spectrum's admin password in the DW Spectrum® IPVMS PW

3. Click [Adjust]

4. If the connected Blackjack® NAS RACK has set 100G space limit successfully, you can see the message
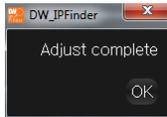
5. Then click on the [OK]

   * You can check the reserved space size from

   http://localhost:7001/static/index.html#/advanced
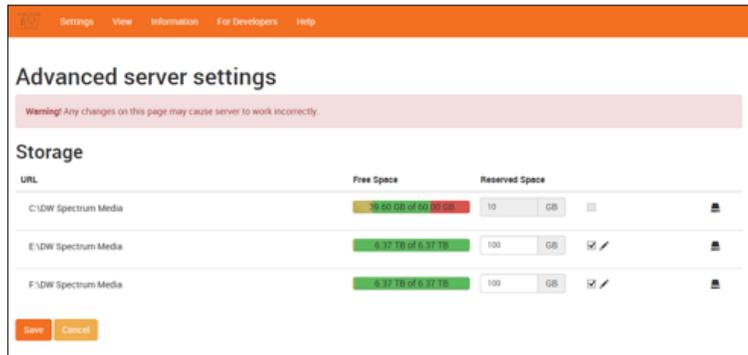
6. You can close the DW IP Finder™ if not needed.

REQUIREMENTS

1. Network : 1Gbps network.

2. DW Spectrum® IPVMS Server : DW Spectrum® IPVMS 2.6 or later

3. DW IP Finder™ 4.3.17 or higher

4. UPS system with 750VA or higher (for only connecting DW-BJ8NASRxT)

5. Windows® 7 or later OS.

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