

User's Manual

Body Camera DrivePro™ Body Control Center

(Version 1.1)



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1. Introduction

This User's Manual covers the features and functions of the DriveProTM Body Control Center, a network-based body camera management and video storage system which simplifies deployment of a complete body camera solution. Control Center is designed to operate seamlessly with Transcend DrivePro Body cameras and DPD6N docking stations. The DrivePro Body Control Center software supports centralized file management, account management, and device management.

1-1 Features

- Allows multiple users to connect via a local Gigabit network
- Allows for searching files, sorting files into categories, adding descriptions, exporting files to local storage, and burning files to optical media
- Simple account management and permissions management
- Supports simultaneous connection of up to 3 docking stations or 18 devices in total
- Allows up to 40 simultaneous users via Gigabit connection
- Convenient one-click update of DrivePro Body Firmware

1-2 System Requirements

- Windows 7 / Windows 8.1 / Windows Server 2008 R2 SP1 / Windows 10
- .NET 4.0 is required.

2. Getting Started

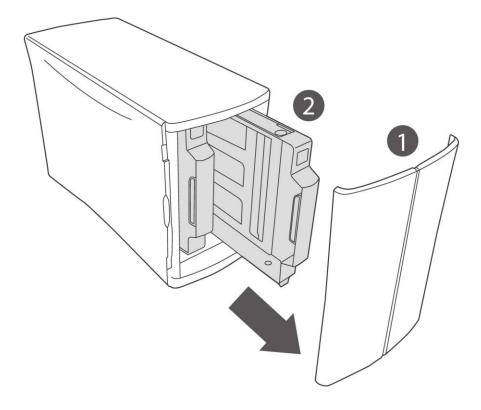
2-1 Hard Drive Installation (for Diskless DBN1 only)

*Please only use NAS-grade HDDs

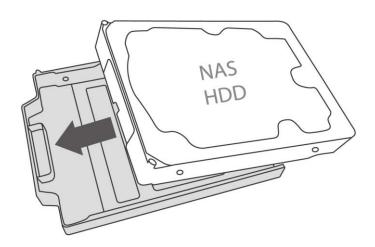
Notes:

- To avoid damaging the DBN1 Control Center with static electricity, ground yourself by touching something made of metal before handling any sensitive electronic parts.
- When replacing hard drives, do not change the order of the hard drives in the Control Center unit. For example, removing Drive 1 and replacing it with Drive 2 may cause data to be corrupted or lost.
- 1-1 Remove the front panel by pulling it forward from both sides.
- 1-2 Pull out the two drive trays.

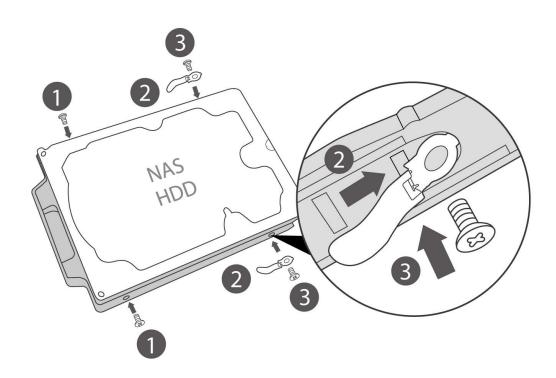
Note: Do not apply excessive pressure to the top of the unit.



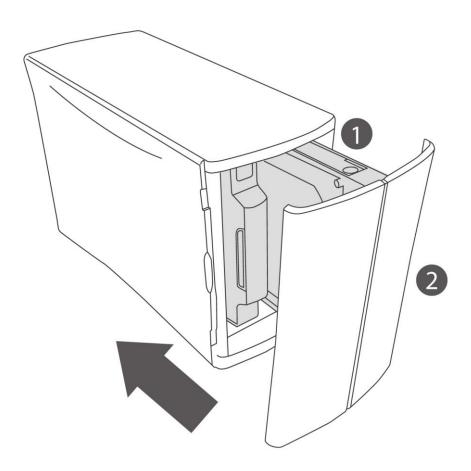
2. Install NAS-grade hard drives (same capacity recommended) into the drive trays.



- 3-1. Affix the two front screws.
- 3-2. Insert the steel plate in the correct direction.
- 3-3. Affix the rear screw.



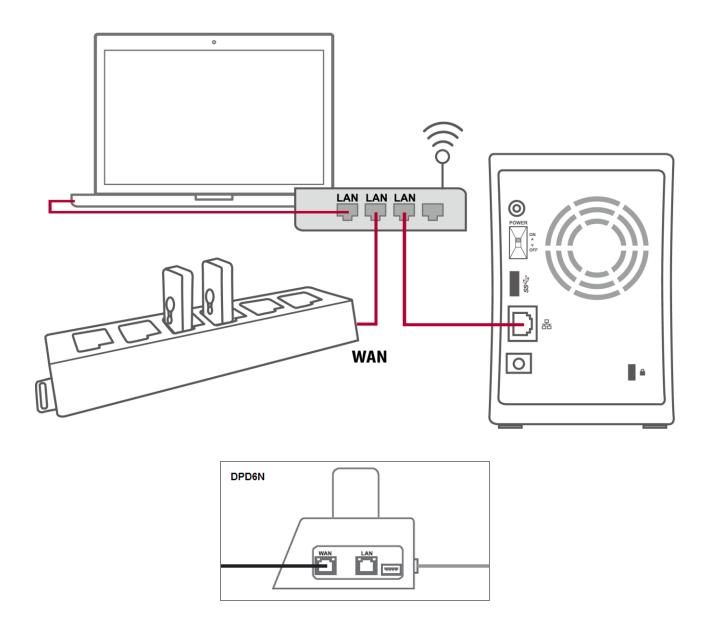
- 4-1. Reinsert the drive trays back into the empty drive slots.
- 4-2. Replace the front panel.



2-2 Connection Diagram

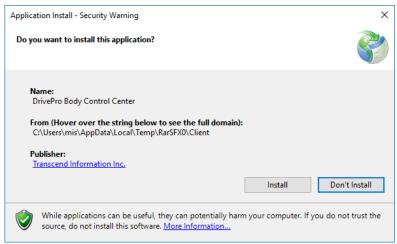
The DBN1 Control Center connection diagram is illustrated below. Connect an Ethernet cable from the DBN1 Control Center's LAN port to your network switch or router. Connect your client PCs and DPD6N Network Docking Stations to the same local area network. As shown in the diagram below, connect your network switch or router to the WAN port of the DPD6N Network Docking Station.

The DBN1 Control Center allows up to twelve DrivePro Body cameras to upload simultaneously, and up to forty users to access and manage files at the same time.

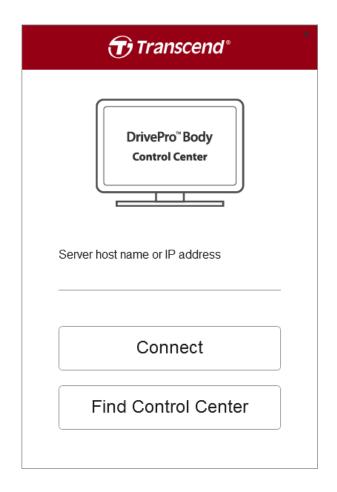


2-3 Downloading and Installing the Control Center Client

1. Download the Control Center Client from the provided download link. On any Client PC, click and run "Installer.exe", press "Install", and wait for the installation progress to complete.



- 1. When installation is completed, the software will open automatically.
- 2. Fill in your DBN1 Control Center's IP address and click "Connect", or just click on "Find Control Center" to search for any connected DBN1 units.

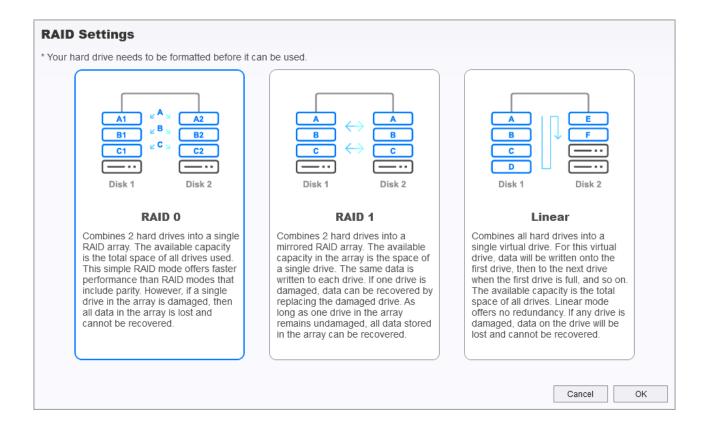


2-4 Setting/Changing RAID modes

You may set or change RAID modes in the two situations below:

1. For diskless DBN1 Control Center setup:

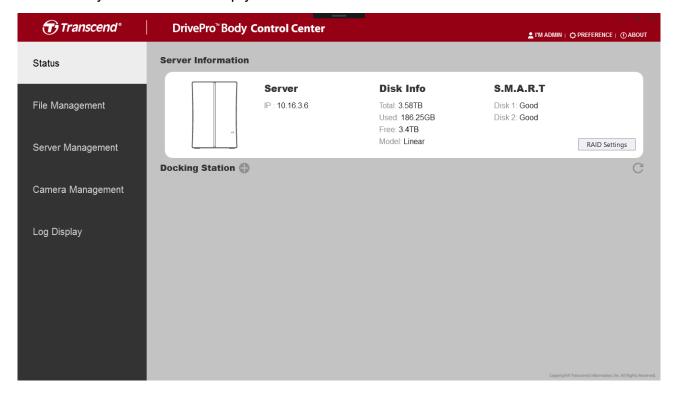
After installing the hard drives (See **2-1 Hard Drive Installation (for Diskless DBN1 only)**), use the Control Center Client to connect to the DBN1 Control Center unit. You will be asked to select one of the RAID types.



2. When users want to change RAID modes:

Click on the "RAID Settings" button on the Status page.

Note: If you change RAID modes, all data on the unit will be permanently deleted! Please make sure you have backed up your data beforehand.

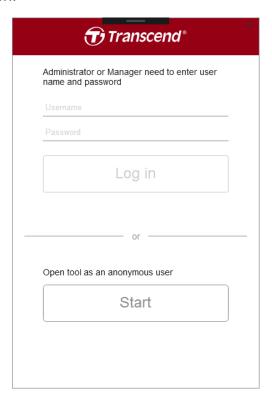


2. <u>Using the DrivePro™ Body Control Center Client</u>

Transcend's exclusive DrivePro Body Control Center software is a centralized management system developed for DrivePro Body 30 and DrivePro Body 60 body cameras. The system supports simple file management, account management, and device management to facilitate deployment of a complete body camera solution.

- 1. Open the Control Center Client.
- 2. Log in as Administrator, Manager, or User, or enter the application as an anonymous user. (The Administrator's account ID is "admin", with the default password being "12345678".)

Note: The Control Center Client requires a DBN1 Control Center to be on the same local network to function.

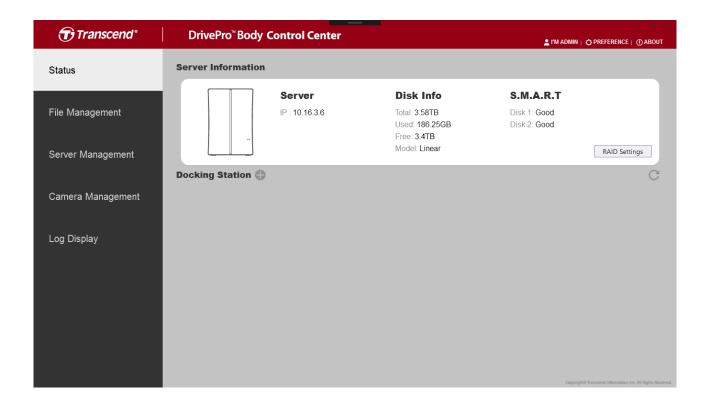


If you enter the system as an anonymous user, you can log in later by clicking

3. To log out, click

3-1 Status

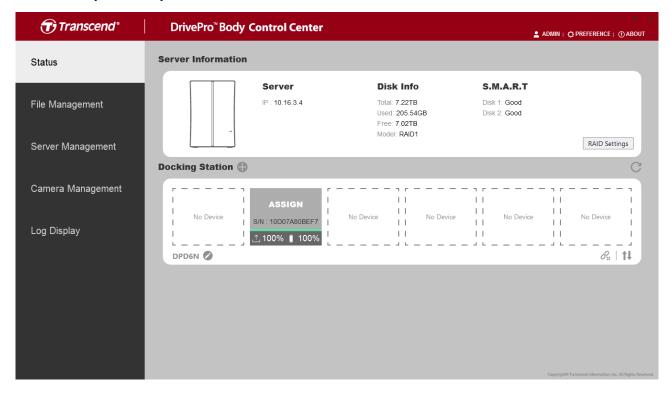
On the Status page, you can view the basic information of connected DrivePro Body cameras and DPD6N Network Docking Stations, including device serial number, agent ID, battery status, backup status. In addition, you can view the current status of your DBN1 Control Center unit, such as the current IP address and disk status. Depending on your account permissions, you can also edit RAID settings on this page.



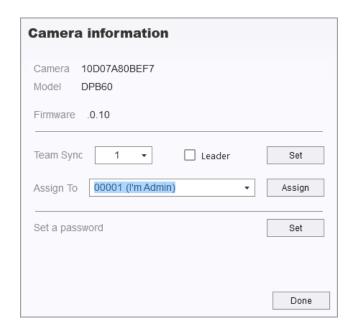
To add a new docking station, click the button next to "Docking Station" (permissions required).



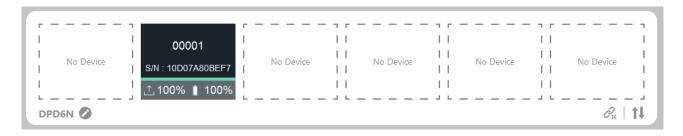
Select the docking station you want to add and click on "Add". If the docking station is successfully added, you will see the screen below.



To assign an account to a specific body camera, click on the camera that you want to assign. Then select an account to assign the camera to.



Once an account has been assigned to a camera, the account name will be shown in the camera's status field.



To enable Team Sync, select a team number and press the "Set" button. If one camera enters recording mode from buffering mode, other cameras in the same team will automatically enter recording mode as well.

To set a camera as a leader, check the "Leader" checkbox. When a leader camera enters recording mode from buffering mode, it will wake other cameras in the same team up to start recording as well even if the cameras were powered off) (For DPB60 only)



To set a password for the device, press the "Set" button, and enter a password.



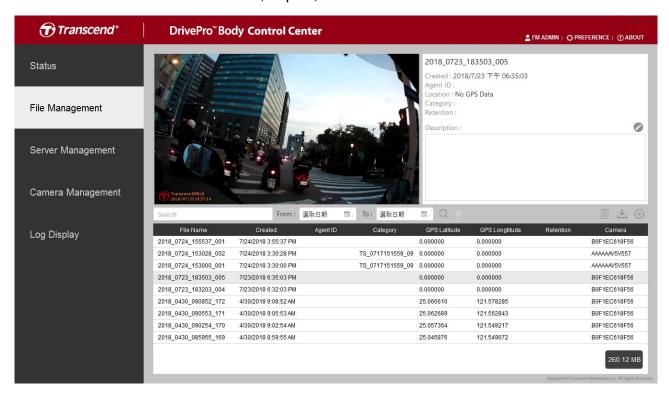
To disable password protection or change the password, press the "Disable" button or

"Change" button.



3-2 File Management

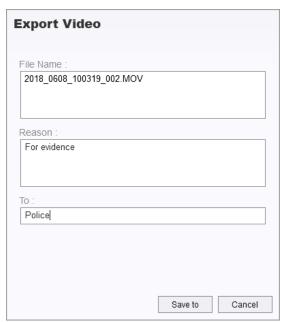
On the File Management page, you can manage and edit videos or photos. You can also search for media in the Search bar, export, or burn files to a CD/DVD.



To modify a category, an agent ID, or a description, click on the icon.



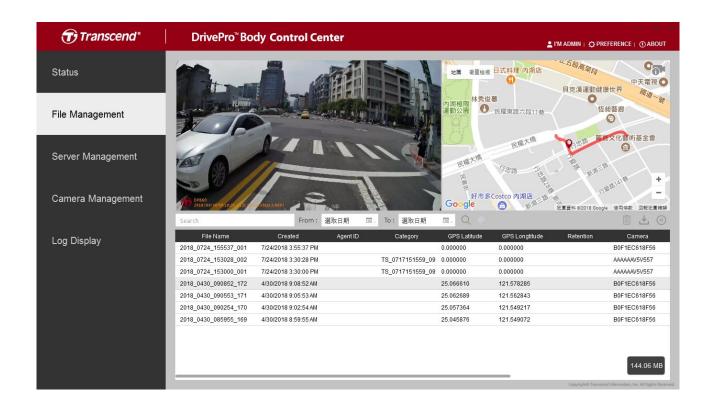
To download a video, click on the icon, and click on "Save to" to export the video to a desired destination.



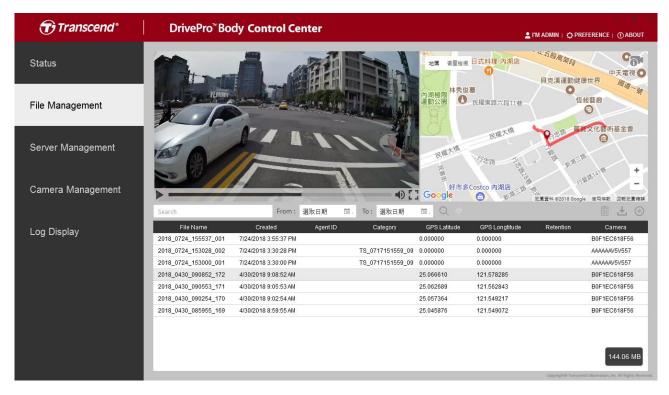
You can also select and burn videos to a CD/DVD by clicking on the icon.

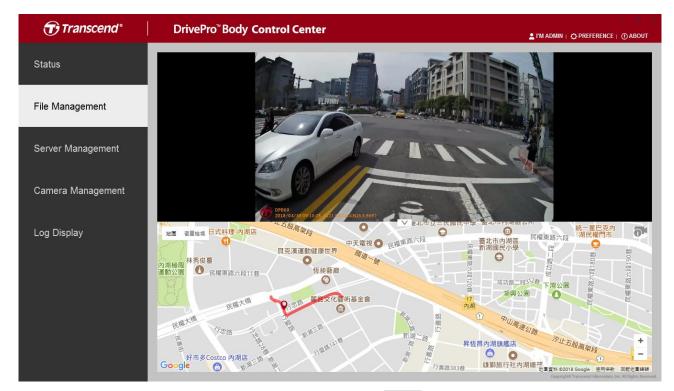
To delete files, select the files and click on the icon.

If a video has GPS data embedded, a GPS map will be displayed as shown below.



To view the video in a larger player view, click the [3] icon on the lower right corner of the media player.





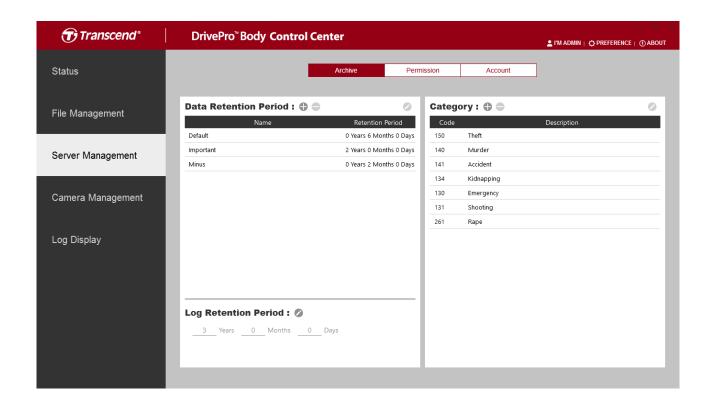
To hide the Map and enlarge the video frame, click .

3-3 Server Management

On the Server Management page, you can manage key settings under **Archive**, **Permissions**, and **Account**.

Archive

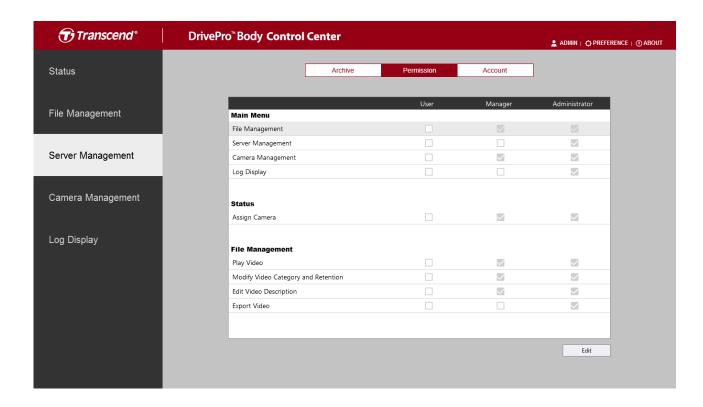
Edit the data retention period, log retention period, and list of categories.



	Add a new data retention description.
Data Retention	Delete a selected description.
	Edit a selected description.
Log Retention	Edit the log retention period.
	Add a new file category.
Category	Delete a selected category.
	Edit a selected category.

Permission

Manage the permission settings for different levels of users.



Manage the access levels for users of the DrivePro Body Control Center. When checked, the following functions will be made available to users at that level.

Main Menu

File Management	Show or hide this page to users of a certain level.
Sever Management	Show or hide this page to users of a certain level.
Camera Management	Show or hide this page to users of a certain level.
Log Display	Show or hide this page to users of a certain level.

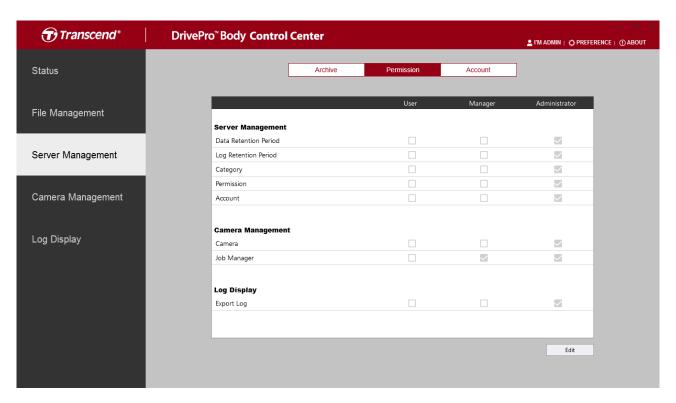
Status

Assign Camera Allow assigning a camera with identification.	a specific number for
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File Management

Play Video	Enable to allow users to play videos or disable to show them previews only.
Change Category /	Enable to allow users to change the category or retention of a

Retention	video.
Edit Video Description	Enable to allow users to edit video descriptions.
Export Video	Enable to allow users to export videos to a local storage or burn them to CD/DVDs.



Sever management

Data Retention Period	Enable to allow users to change the data retention period.
Log Retention Period	Enable to allow users to change the log retention period.
Category	Enable to allow users to add / delete / edit categories.
Permission	Enable to allow users to modify permission/access levels.
Account	Enable to allow users to add / delete / modify the information of each account.

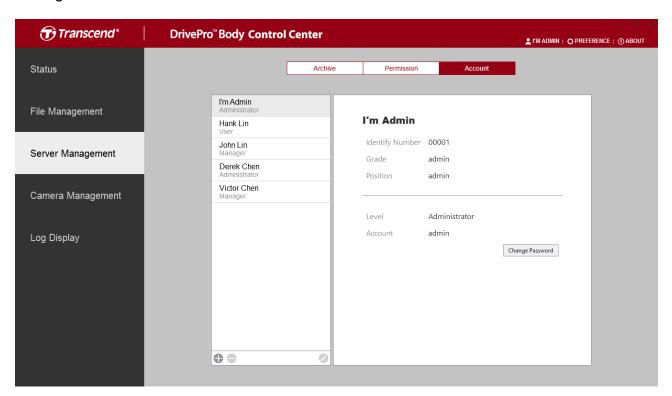
Camera management

Camera	Enable to allow users to change camera settings.
Job Manager	Enable to allow users to change auto behaviors.

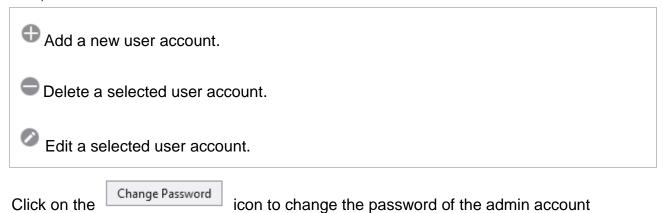
Log Display management

Account

Manage user account information.



Add, delete or edit user accounts.



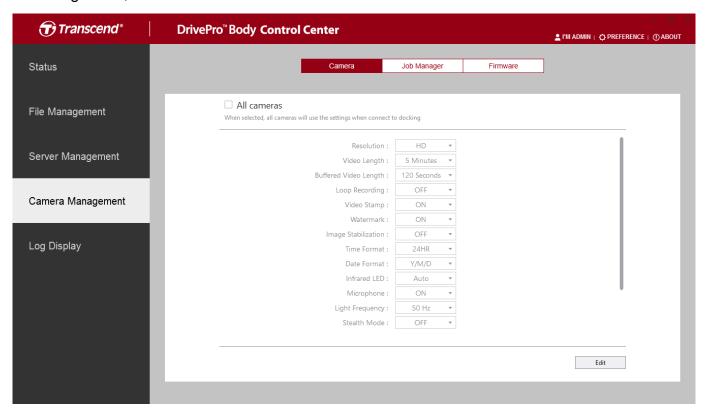
3-4 Camera Management

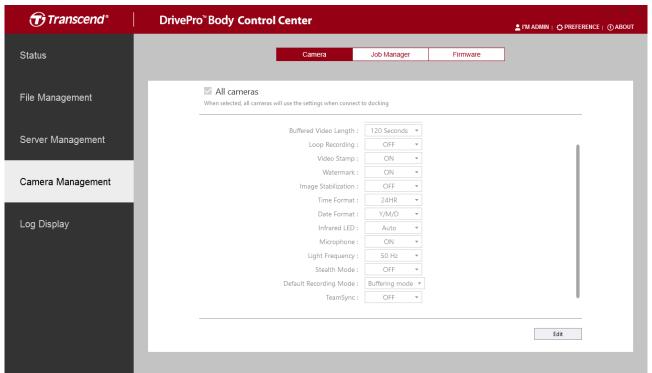
In the Camera Management page, you can adjust the settings of all connected cameras, set device behaviors, and perform batch firmware updates.

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Camera

Adjust the settings of all connected cameras such as video resolution, time format, default recording mode, etc.



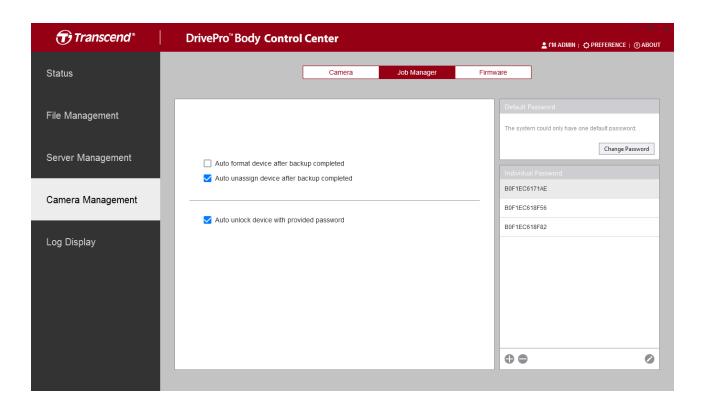


Click to modify settings.

Resolution	Set the resolution/quality for video recording. Available options: FHD / HD
Video Length	Set the recording length for each recorded video file. Available options: 3 mins / 5 mins / 10 mins
Buffered Video Length	Set the buffered video length to record footage that happens prior to switching to Recording mode. Available options: 30 secs / 60 secs / 90 secs / 120 secs
Loop Recording	Overwrite old video files once storage has been depleted. Available options: ON / OFF
Video Stamp	Embed time of the event being recorded and the video label into the image or video. Available options: ON / OFF
Watermark	Display the Transcend logo watermark. Available options: ON / OFF
Image Stabilization	Enable/Disable the image stabilization function. Available options: ON / OFF (For DPB30 only)
Time Format	Select the 24-hour or 12-hour AM/PM time format. Available options: 24HR / AM/PM
Date Format	Set the date format. Available options: Y/M/D, M/D/Y, or D/M/Y
Microphone	Turn on/off the microphone during video recording. Available options: ON / OFF
Light Frequency	Select the appropriate frequency to avoid A/C interference. Available options: 50Hz / 60Hz
Stealth Mode	Turn on/off stealth mode. When stealth mode is enabled, the light indicators and buzzer are disabled. Available options: Disable / Enable
Infrared LED	Available options: Manual / Auto
Default Recording Mode	Select the default recording mode. Available options: Buffering mode / Recording mode
Team Sync	Available options: ON / OFF

Job Manager

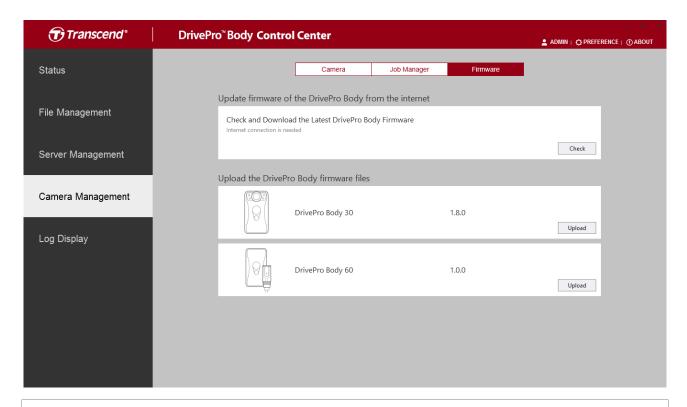
Set device behaviors such as auto format, auto unassign, or auto unlock devices.



Auto format device after backup is completed	Check to automatically format device after the backup is completed
•	Completed
Auto unassign device	Check to automatically unassign device after device backup
after backup is	is completed
completed	
Auto unlock device with	Check and set default password to unlock all devices, or set
provided password	individual password to unlock specific device

Firmware

Update the firmware of the connected DrivePro Body cameras.

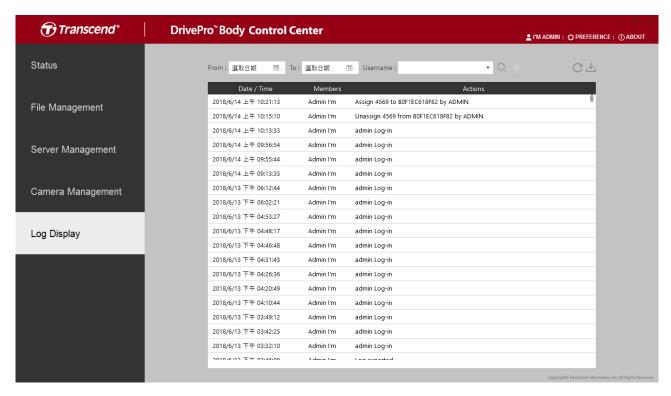


To check and download the latest DrivePro Body camera firmware from Transcend, click the Check button.

To upload the firmware manually, click the button.

3-5 Log Display

On the Log Display page, you can view the system log of all users' actions. Only the administrator has access to the system log.

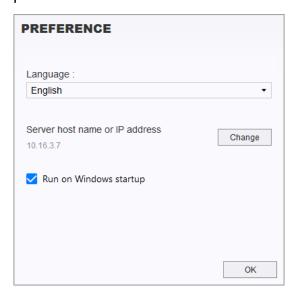


To export the log, click



3-6 Preference

Click on OPREFERENCE on the top right of the Control Center window to adjust system preferences.



Language	Select your language.
Server host name or IP address	To connect to another server, click "Change".
Run on Windows startup	Automatically run the software when Windows starts.

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- 10. Miscellaneous. (a) This Agreement constitutes the entire agreement between Transcend and Customer concerning the subject matter hereof, and it may only be modified by a written amendment signed by an authorized executive of Transcend. (b) Except to the extent applicable law, if any, provides otherwise, this Agreement will be governed by the law of the Republic of China, excluding its conflict of law provisions. (c) If any part of this Agreement is held invalid or unenforceable, and the remaining portions will remain in full force and effect. (d) A waiver by either party of any term or condition of this Agreement or any breach thereof, in any one instance, will not waive such term or condition or any subsequent breach thereof. (e) Transcend may assign its rights under this Agreement without condition. (f) This Agreement will be binding upon and will inure to the benefit of the parties, their successors and permitted assigns.

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- 3. The GPL Software is distributed WITHOUT ANY WARRANTY, without even implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. The entire risk as to the quality and performance of the GPL Software iswith you. Transcend does not provide any support for the GPL software

7. Federal Communications Commission (FCC)

Statement

Federal Communications Commission (FCC) Statement

This device complies with Part 15 FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Transcend Information Inc (USA) 1645 North Brian Street, Orange, CA 92867, U.S.A

TEL: +1-714-921-2000