DS-Eco Series Workstation (Windows)

User Manual

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About this Manual

This Manual is applicable to Workstation.

The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version in the company website (http://overseas.hikvision.com/en/).

Please use this user manual under the guidance of professionals.

Trademarks Acknowledgement

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Regulatory Information

FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Conditions

This device complies with part 15 of the 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.

EU Conformity Statement

This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, the LVD Directive 2014/35/EU, the RoHS Directive 2011/65/EU.

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info

2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (A)/NMB-3(A) standards requirements.

Applicable Models

This manual is applicable to the models listed in the following table.

Series	Model
DS-WSEWI-T/(P)	DS-WSEWI-T2
	DS-WSEWI-T2/8P
	DS-WSEWI-T4
	DS-WSEWI-T4/16P

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
NOTE	Provides additional information to emphasize or supplement important points of the main text.
WARNING	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
DANGER	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

Safety Instructions

- Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.

- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region. Please refer to technical specifications for detailed information.

- Input voltage should meet both the SELV (Safety Extra Low Voltage) and the Limited Power Source with 100~240 VAC or 12 VDC according to the IEC60950-1 standard. Please refer to technical specifications for detailed information.

- Do not connect several devices to one power adapter as adapter overload may cause over-heating or a fire hazard.

- Please make sure that the plug is firmly connected to the power socket.

- If smoke, odor or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.

Preventive and Cautionary Tips

Before connecting and operating your device, please be advised of the following tips:

- Ensure unit is installed in a well-ventilated, dust-free environment.

- Unit is designed for indoor use only.

- Keep all liquids away from the device.

- Ensure environmental conditions meet factory specifications.

- Ensure unit is properly secured to a rack or shelf. Major shocks or jolts to the unit as a result of dropping it may cause damage to the sensitive electronics within the unit.

- Power down the unit before connecting and disconnecting accessories and peripherals.

- A factory recommended HDD should be used for this device.

- Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.

- The product should be supplied by the UPS, so the DIPS don't need to test.

Chapter 1 Panels Description

1.1 Front Panel

Purpose:

We take the example of DS-WSEWI-T2(8/P) series to describe the front panel. Front panels of other series only vary in chassis.
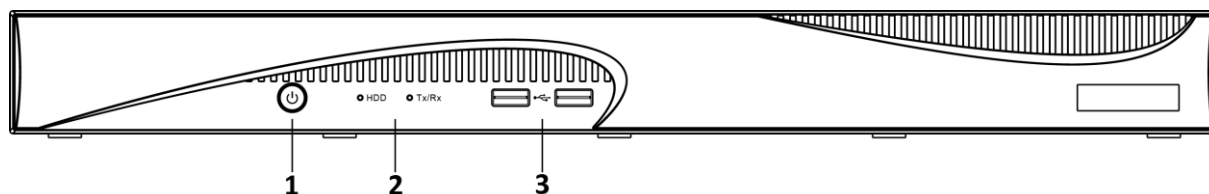

Figure 1-1 Front Panel

Table 1-1 Panel Description

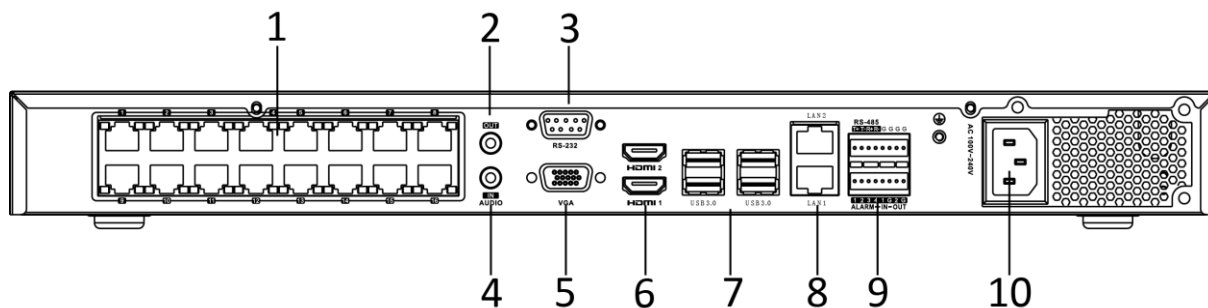| No.	Name		Description
1	Power button		Power on/off device.
2	Indicator	HDD	Flickers red when data is being read from or written to HDD.
		Tx/Rx	Flickers blue when network connection is functioning properly.
3	USB 2.0 interface		Two Universal Serial Bus (USB) 2.0 ports for additional devices such as USB mouse and USB Hard Disk Drive (HDD).

1.2 Rear Panel

1.2.1 DS-WSEWI-T2(/8P) Series

Figure 1-2 Rear Panel

Table 1-2 Panel Description

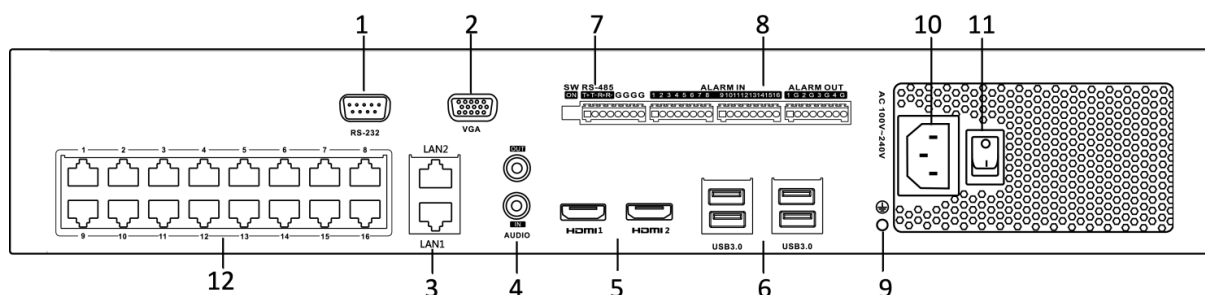| No.	Name	Description
1	PoE interface	Network interfaces for the cameras and to provide power over Ethernet. Only available for DS-WSEWI-T2/8P.
2	Audio output	RCA connector for audio output.
3	RS-232 Interface	Connector for RS-232 devices.
4	Audio input	RCA connector for audio input.
5	VGA	DB9 connector for VGA output. Display local video output and menu.
6	HDMI1 and HDMI2	HDMI video output connector.
7	USB 3.0 interface	Four Universal Serial Bus (USB) 3.0 ports for additional devices such as USB mouse and USB Hard Disk Drive (HDD).
8	LAN1/LAN2	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces.
9	Alarm input/output (optional)	Connector for alarm input/output.
	RS-485	RS-485 interface.
10	100 to 240 VAC	100 to 240 VAC power supply.

1.2.2 DS-WSEWI-T4(/16P) Series

Figure 1-3 Rear Panel

Table 1-3 Panel Description

No.	Name	Description
1	RS-232 Interface	Connector for RS-232 devices.
2	VGA	DB9 connector for VGA output. Display local video output and menu.
3	LAN1/LAN2	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces.
4	Audio input/output	RCA connector for audio input/output.
5	HDMI1 and HDMI2	HDMI video output connector.
6	USB 3.0 interface	Four Universal Serial Bus (USB) 3.0 ports for additional devices such as USB mouse and USB Hard Disk Drive (HDD).
7	RS-485 and terminal switch	RS-485 interface and terminal switch.
8	Alarm input/output (optional)	Connector for alarm input/output.
9	GND	Ground (needs to be connected when NVR starts up).
10	100 to 240 VAC	100 to 240 VAC power supply.
11	Power switch	Switch for turning on/off the device.
12	PoE interface	Network interfaces for the cameras and to provide power over Ethernet. Only available for DS-WSEWI-T4/16P.

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Chapter 2 Install Operation System

Step 1 Create a bootable USB flash drive by using software like Refus.

Step 2 Insert the bootable USB flash drive into the device USB interface.

Step 3 Power on device. Device will enter windows setup interface.
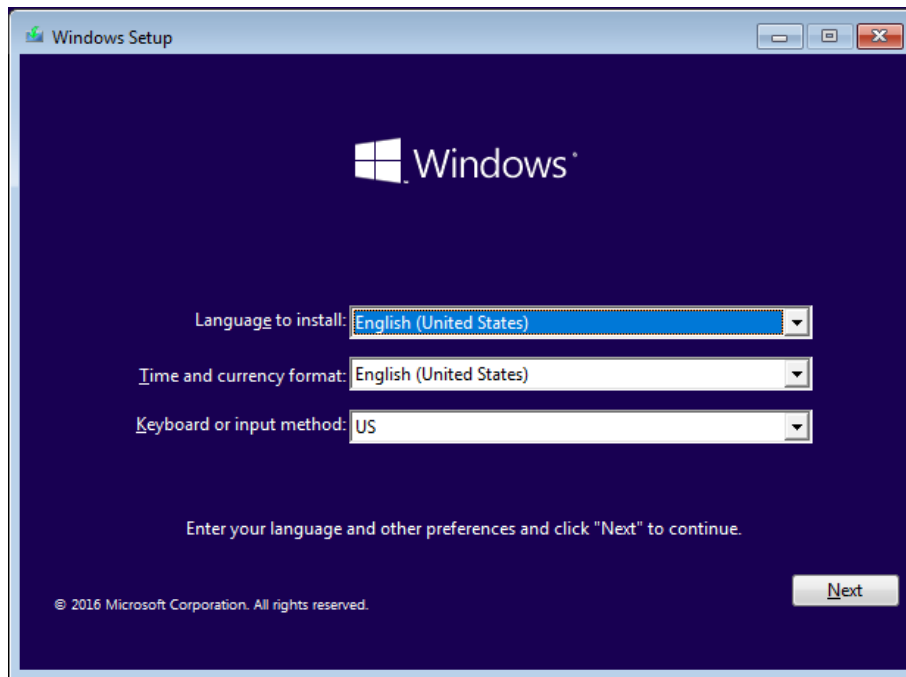
Step 4 Click **Next**.
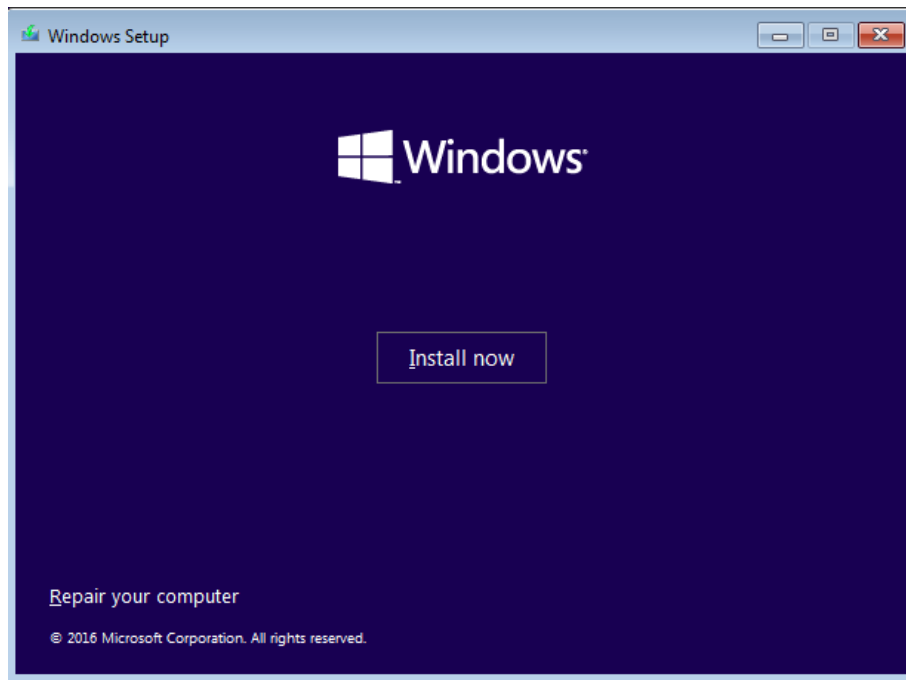

Figure 2-1 Windows Setup

Step 5 Click **Install Now.**

Figure 2-2 Start Installing

Step 6 Click **I don't have a product key**. You are recommended to activate Windows after finishing Windows installation.
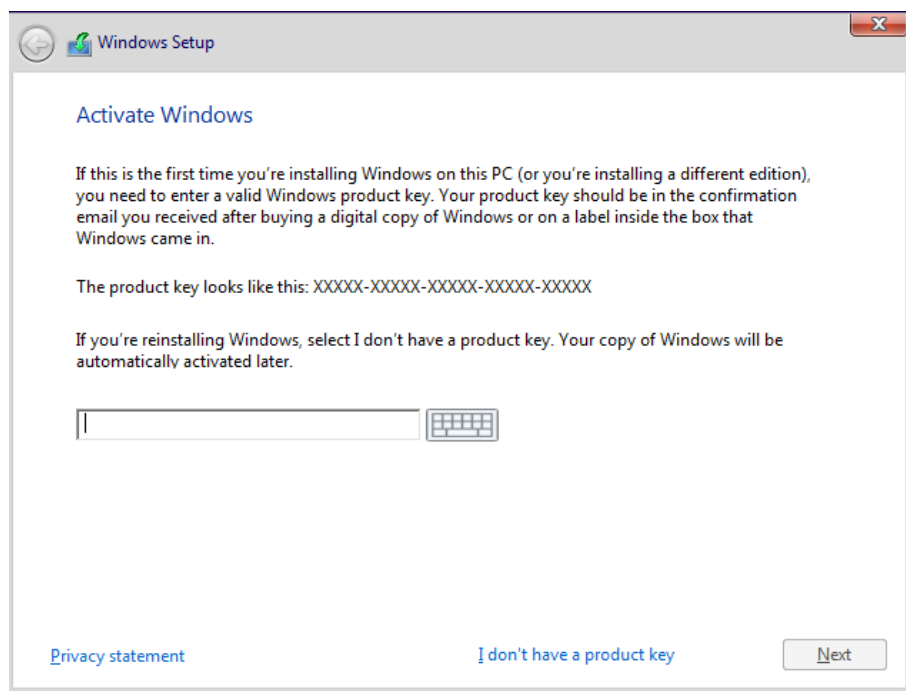

Figure 2-3 Activate Windows

Step 7 Select **I accept the license terms** and click **Next**.
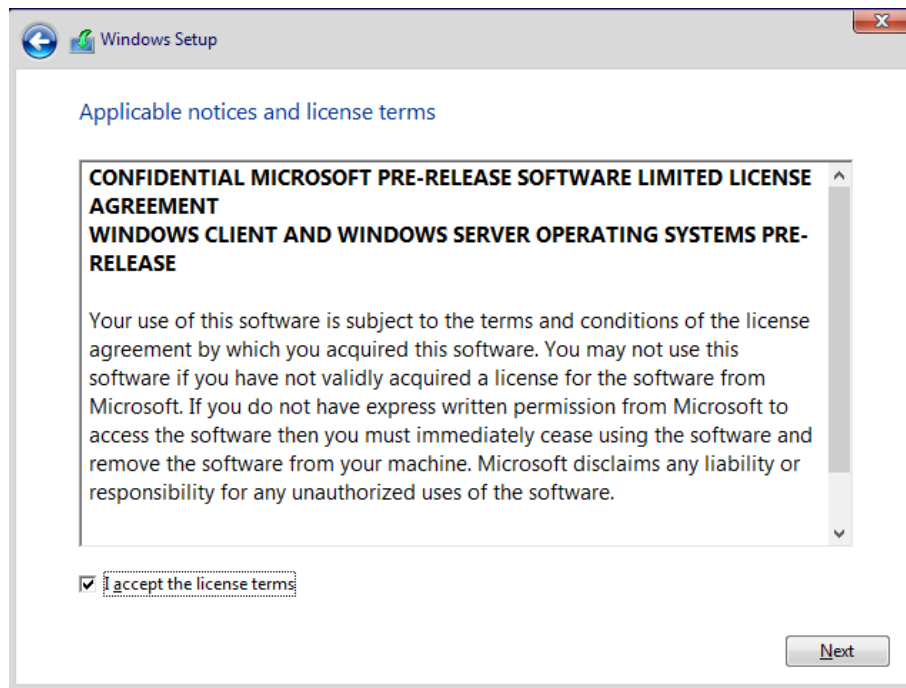
Figure 2-4 Notices and License Terms

Step 8 Click **Custom: Install Windows only (advanced)**.
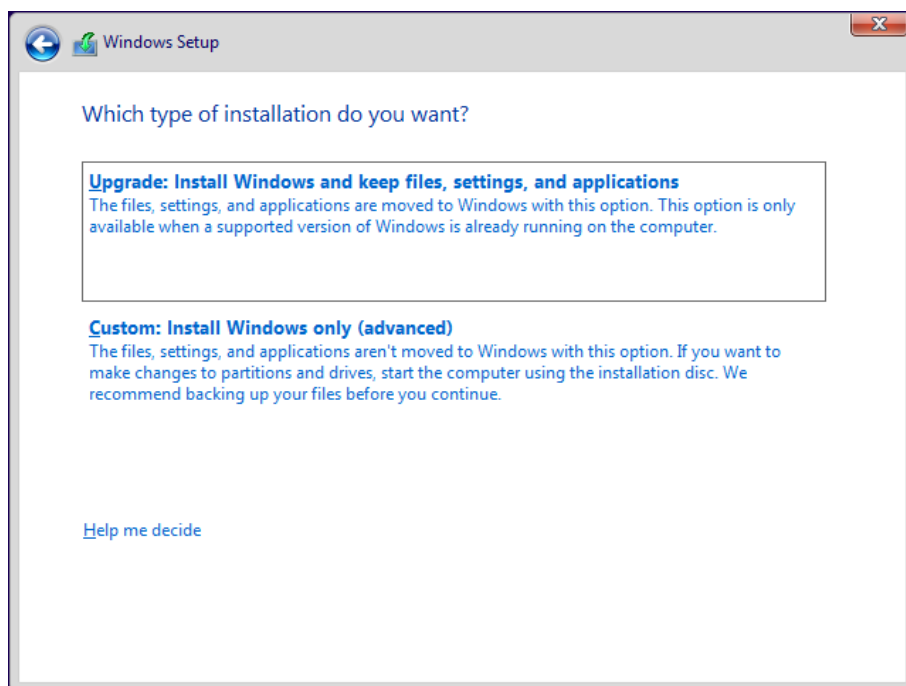

Figure 2-5 Select Installation Type

Step 9 Select a partition.

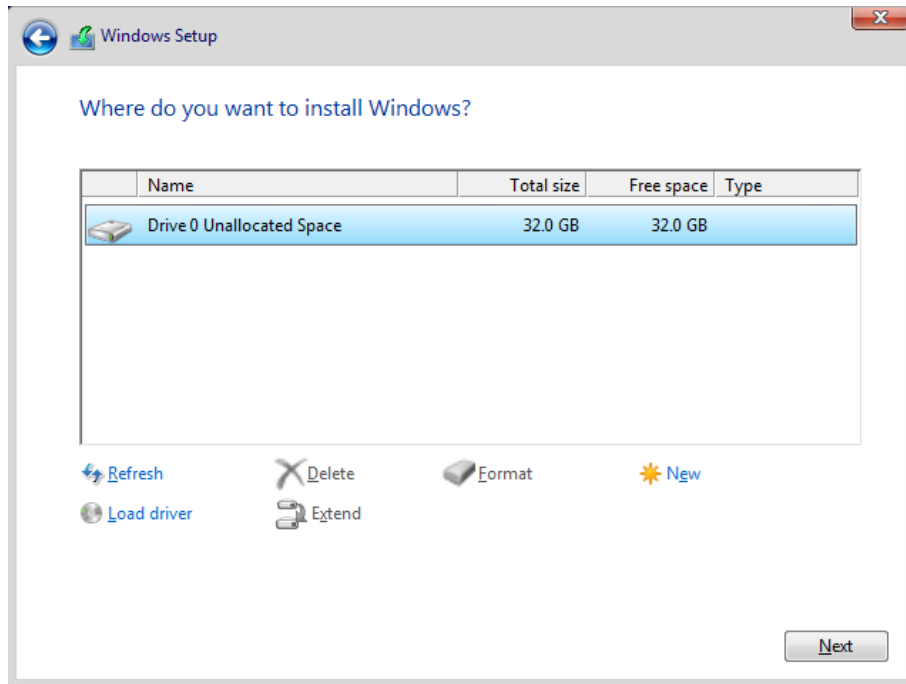Step 10 Click **Next** to start installing.

Figure 2-6 Select a Partition
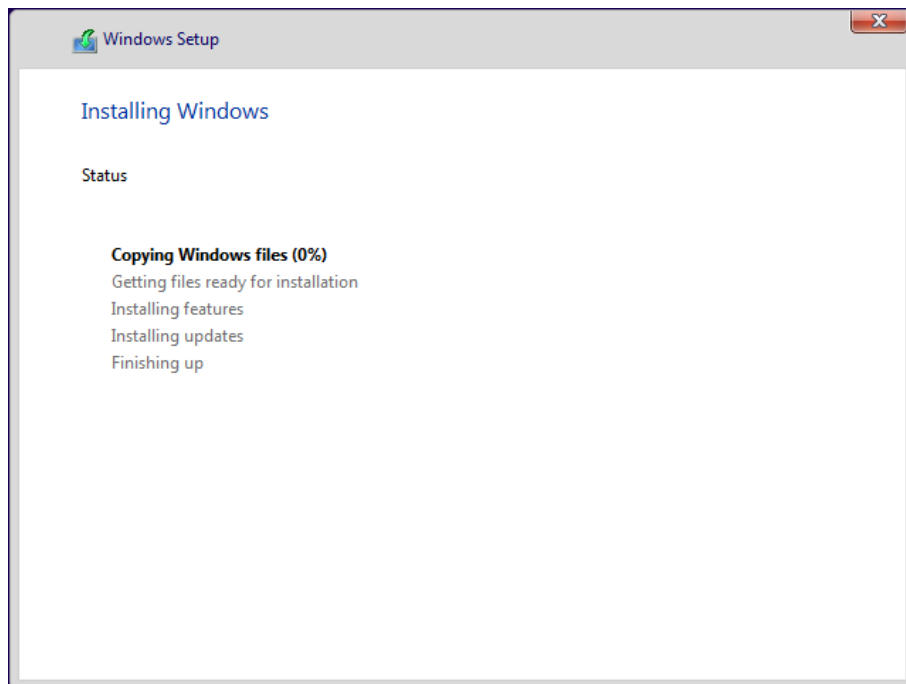
Installation will take about 20 minutes.

Figure 2-7 Installing Windows

Step 11 Device will automatically reboot after finishing Windows installation.
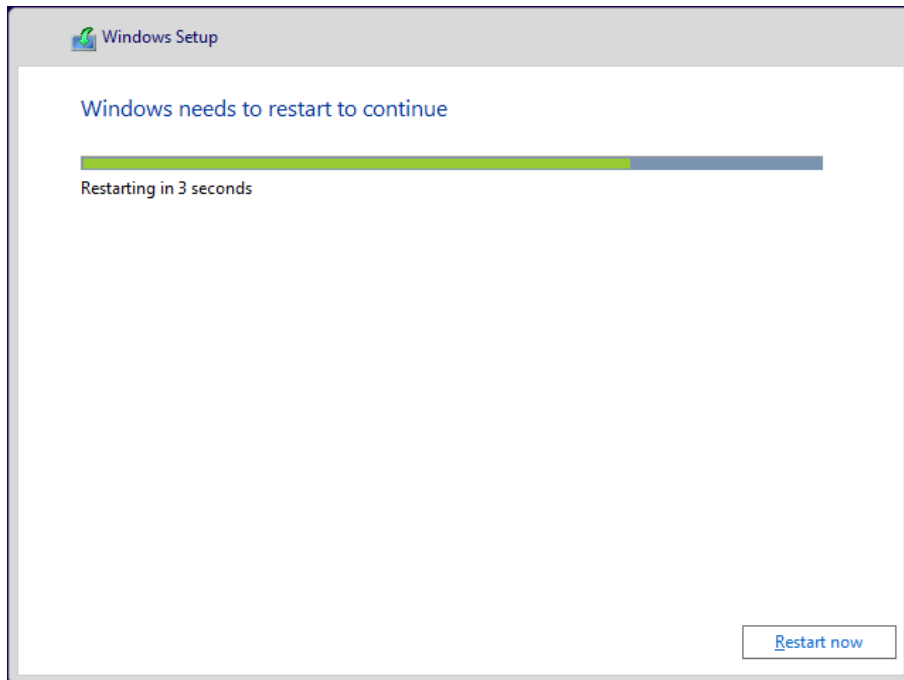
Figure 2-8 Restart Device

Step 12 After reboot, customize Windows settings or use express settings by clicking **Customize** or **Use Express settings**.
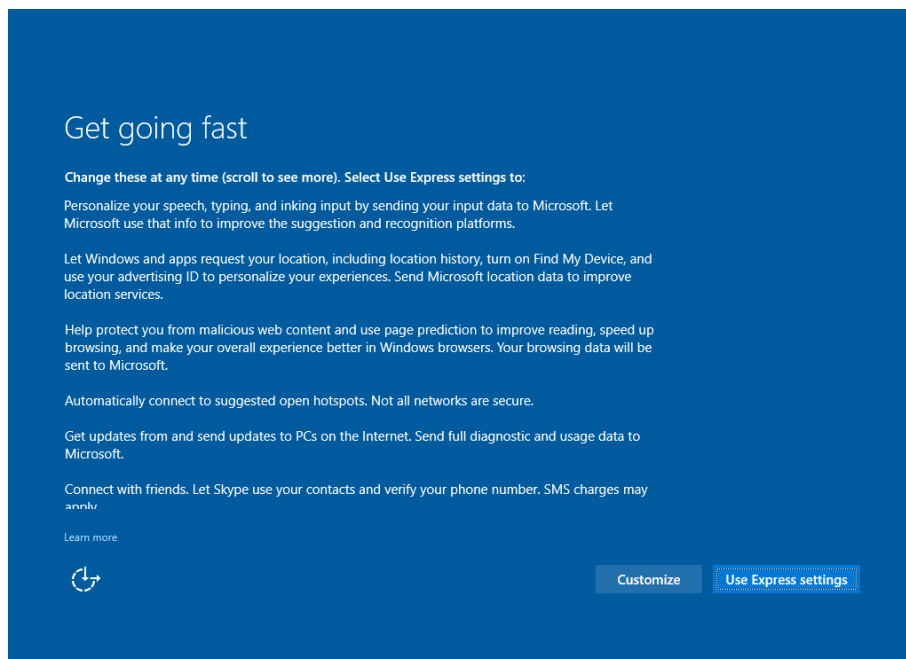

Figure 2-9 Express Settings

After the settings, device will be ready.

Figure 2-10 Ready

Step 13 To activate device, contact the technical support for product key.

Chapter 3 Start Device up

Proper startup and shutdown procedures are crucial to expanding the life of the device.

Step 1 Check the power supply is plugged into an electrical outlet. It is HIGHLY recommended that an Uninterruptible Power Supply (UPS) be used in conjunction with the device.

Step 2 Turn on the power switch in rear panel.

Step 3 After the device starts up, enter device user name and password to log in.

Default user name/password: admin/Abc12345.

⚠️ **WARNING**

We highly recommend you create a strong password. In order to increase the security of your product, we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.
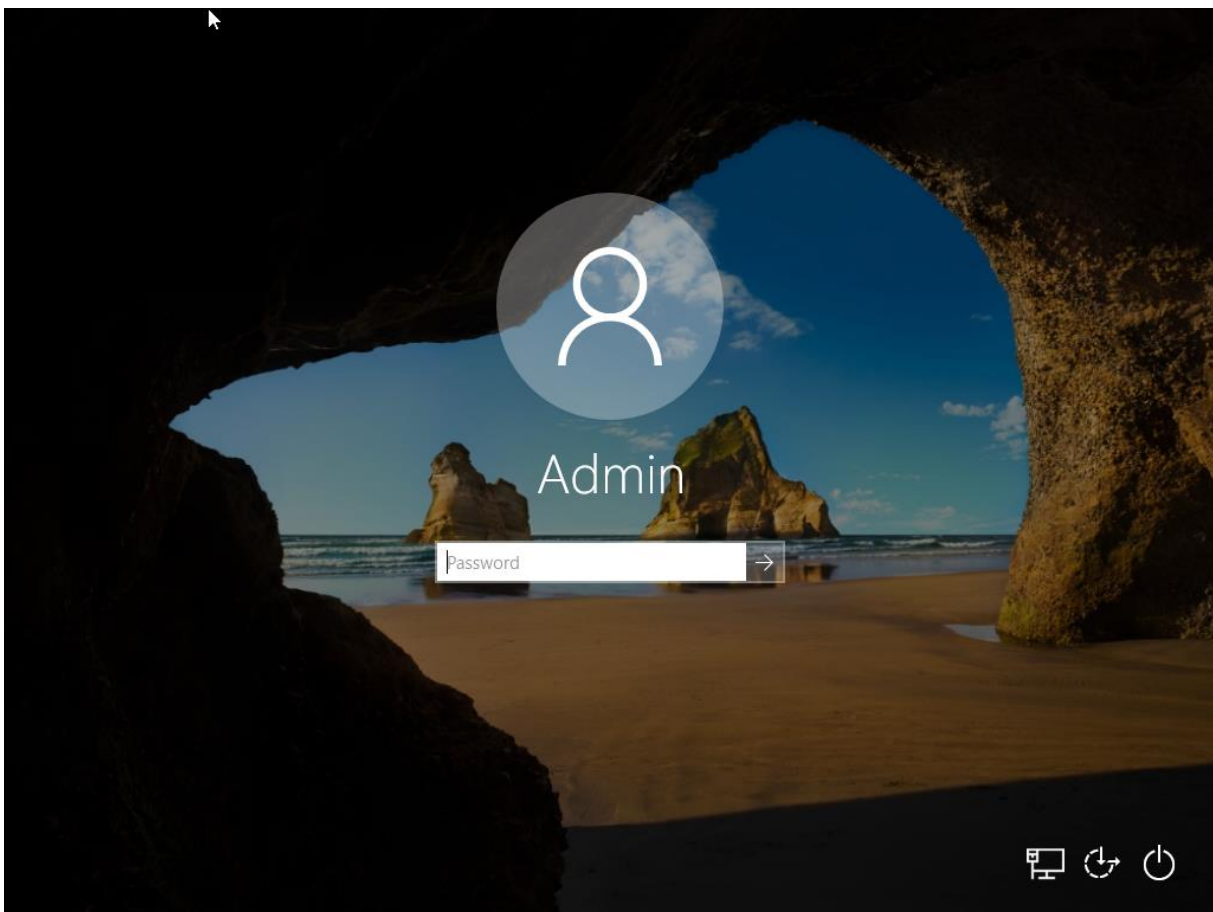

Figure 3-1 Login Interface

Chapter 4 HDD Installation

Purpose

The following section introduces the HDD installation.

Before you start

Disconnect the power from the device before installing a hard disk drive (HDD). A factory recommended HDD should be used for this installation.

Tools Required: Screwdriver.

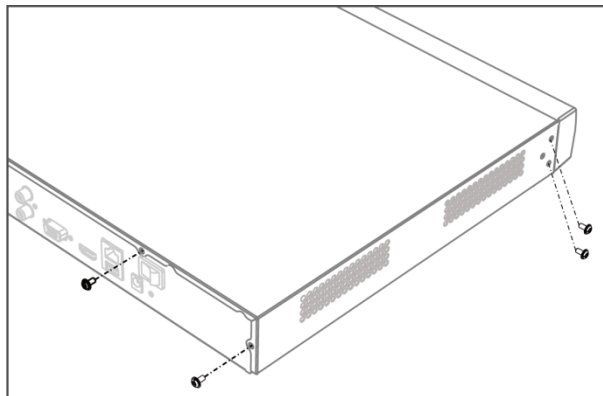Step 1 Remove the cover from device by unfastening the screws on panels.

Figure 4-1 Remove Cover

Step 2 Connect the data cable and power cable.
1) Connect one end of data cable to the device motherboard.
2) Connect the other end of data cable to HDD.
3) Connect one end of power cable to HDD.
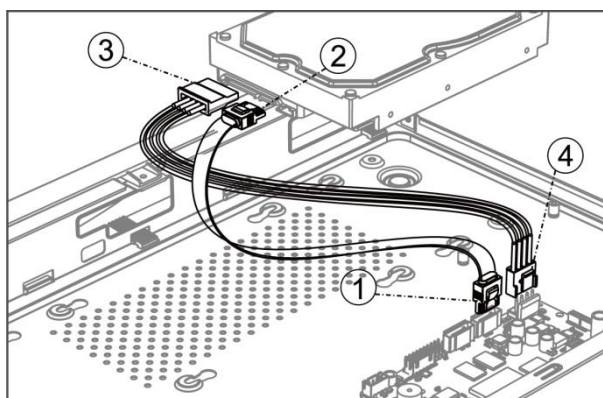4) Connect the other end of power cable to the device motherboard.

Figure 4-2 Connect Cables

Step 3 Set the device up, match HDD screw threads with the reserved holes on the device bottom, and fix HDD with screws.
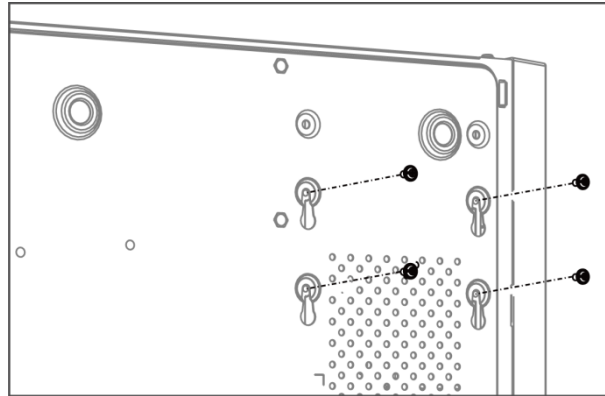
Figure 4-3 Fix HDD to Device Bottom

Step 4 (Optional) Repeat the steps above to install other HDDs.

Reinstall the device cover and fasten screws.

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See Far, Go Further

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