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Security Precautions

This Help Guide describes the security precautions for file transfer and streaming using the unit.

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Security Precautions

Security Precautions

This topic describes precautions when connecting the unit to a network.

- Communication content may be unknowingly intercepted by unauthorized third parties in the vicinity of the signals. When using wireless LAN communication, implement security measures properly to protect the communication content.
- SONY WILL NOT BE LIABLE FOR DAMAGES OF ANY KIND RESULTING FROM A FAILURE TO IMPLEMENT PROPER SECURITY MEASURES ON TRANSMISSION DEVICES, UNAVOIDABLE DATA LEAKS RESULTING FROM TRANSMISSION SPECIFICATIONS, OR SECURITY PROBLEMS OF ANY KIND.
- Depending on the operating environment, unauthorized third parties on the network may be able to access the unit. When connecting the unit to the network, be sure to confirm that the network is protected securely.
- When connecting this product to a network, connect via a system that provides a protection function, such as a router or firewall. If connected without such protection, security issues may occur.

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Internet Connection Precautions

This topic describes precautions when connecting the unit to the Internet.

- The unit cannot connect via wireless LAN to an access point that uses only WEP or WPA, which are security methods that have vulnerabilities.
- The unit is not a network device (for example, a router or switching hub). It is strongly recommended that you connect the unit to a network where you can configure and manage the network settings appropriately to protect against network-based attacks, such as DoS attacks (Denial of Service attacks).
- When connecting the unit to a network, connect it via a router that is configured and managed appropriately, or connect it to a LAN port that has the same functionality. If connected without such protection (for example when using free Wi-Fi), security issues may occur. When properly configured, routers provide sufficient protection against DoS attacks or loss of functionality of devices in the network. If you notice anything unusual, immediately disconnect the camera from the network.

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Precautions Related to the Network Function

This topic describes precautions about the network function of the unit.

- If unauthorized access is detected, the camera may become unable to accept communications. If this occurs, reconnect from the beginning.
- The authentication information for connecting to the unit is displayed using [Technical] – [Network] – [Wireless] – [SSID] and [Password] in the full menu. Take care that the screen cannot be viewed by others.
- When using the network function for the first time, the [Technical] – [Authentication] – [Password] setting in the full menu is blank. If a password is not configured, [Network] menu items in the setup menu are disabled (grayed out), and network settings cannot be configured.
- Use Basic authentication for access authentication to the unit. There is a risk of communications being intercepted unless you access the device directly (not connecting via an access point or network hub) or you use network client mode. Sony will not be liable for any damages resulting from security measures not being taken, or if a security problem occurs due to unavoidable circumstances related to the connection.
- When setting your user name and password, make sure that the settings are not visible to others. Set the user name and password as follows.

[User Name]	– Set a user name comprising 1 to 16 characters. – This is set to "admin" by factory default. – The following are valid input characters. Alphabetic characters (uppercase and lowercase), numeric characters, symbols (! % + , - . = _)
[Password]	– Set a password comprising 8 to 16 characters containing at least 1 or more alphabetic characters and 1 or more numeric characters. – The following are valid input characters. Alphabetic characters (uppercase and lowercase), numeric characters, symbols (! % + , - . = _)

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Precautions Related to Wireless LAN

This topic describes precautions when connecting the unit via wireless LAN.

- In the Help Guide for this unit, wireless LAN access points and wireless LAN routers that relay LAN connections are referred to as "access points."
- Only the WPA2 (AES) security method is supported.
- If you connect to an access point without any security setting, you may be subject to hacking, access by malicious third parties, or attacks upon vulnerabilities. Unless it is otherwise unavoidable, connection without any security setting is not recommended.
- Configuring security on a wireless LAN is very important. Sony will not be liable for any damages resulting from security measures not being taken, or if a security problem occurs due to unavoidable circumstances in the use of wireless LAN.

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