

Environment Setting

■ The next power-on operation (1)

<Fixed IP address>

This product is activated with the IP address set to the controller.

<BOOTP>

BOOTP ignores the Ethernet setting of the controller and automatically acquires a new IP address/subnet mask/gateway to boot.

Use a BOOTP server or boot "IP Setting Tool" in PC software "LJ-H2" to set the first connection to the controller via Ethernet using the factory settings.

<BOOTP -> fixed IP address>

Setting values such as an IP address, acquired via BOOTP, are saved as controller network settings once the product is booted.

The next power-on operation automatically switches to "Fixed IP address" to boot with the saved Ethernet setting.

■ IP address/Subnet mask/Gateway (2)

* Valid only when the next power-on operation is set to "Fixed IP address".

* Unusable IP address

- 0.0.0.0

- 224.0.0.0 to 255.255.255.255

* Unusable subnet mask

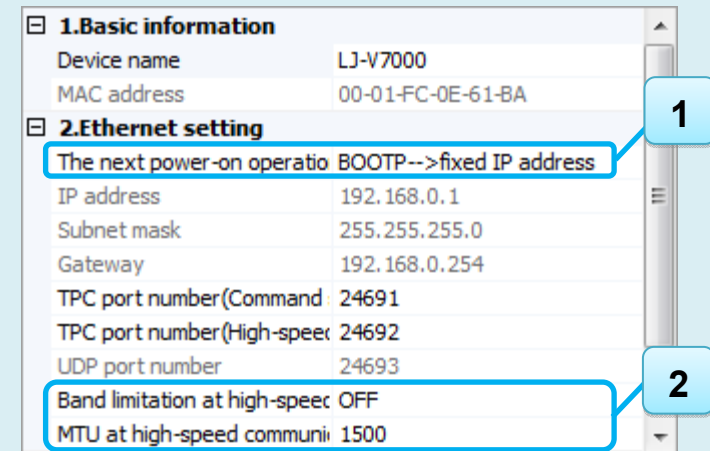
- 0.0.0.0

- 255.255.255.255

- Discontinuous bit 1 from the beginning (Ex: 255.255.255.64 = 11111111.11111111.11111111.01000000 is an error)

* Unusable gateway

- 224.0.0.0 to 255.255.255.255



1.Basic information	
Device name	LJ-V7000
MAC address	00-01-FC-0E-61-BA

2.Ethernet setting	
The next power-on operation BOOTP-->fixed IP address	
IP address	192.168.0.1
Subnet mask	255.255.255.0
Gateway	192.168.0.254
TPC port number(Command)	24691
TPC port number(High-speed)	24692
UDP port number	24693
Band limitation at high-speed	OFF
MTU at high-speed communication	1500

Environment Setting

■ TCP port number (Command send and receive) (3)

The port number (1 to 65535) is used by the controller as an interface to send/receive commands.

Ask your network administrator when changing from the default value.

■ TCP port number (High-speed communication) (3)

The port number (1 to 65535) is used by the controller as an interface with high-speed communication.

Ask your network administrator when changing from the default value.

<High-speed communication>

This is one communication method used to continuously transmit profile data at high-speed from the controller to a PC.

* Refer to the Communication library reference manual for details.

■ Band limitation at high-speed communication (3)

The data output band (communication speed) can be limited for reducing loads on the network with high-speed communication.

For example, the data transfer rate is limited to 200 Mbps or below when set to [200 Mbps].

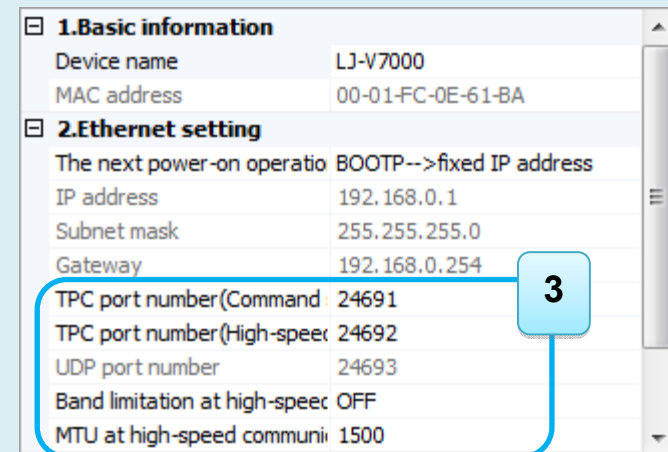
■ MTU at high-speed communication (3)

The MTU can be set for high-speed communication (Jumbo Frame).

The MTU, also called a frame size, is the maximum size of data which can be sent in a single frame.

* The standard frame size (1518 bytes) is used regardless of the MTU setting if data receiving devices do not support a frame size increase.

* Communication fails if there is a device that does not support a frame size increase in the communication pathway.



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? Environment Setting

■ Date/Time (4)

Sets the date/time of the controller timer.

■ Return to default (5)

Initializes all settings for sixteen programs (to factory settings).

All settings including the "environment setting" and "common measurement setting" will be initialized.

* To initialize a particular program, click the initialization button on the program No. change window.

To open the program No. change window, click the program No. button on the setting window. (6)

■ Backup all settings/Restore all settings (7)

Saves all controller settings (sixteen programs/common measurement settings/environment setting) as a backup file.

All settings of the controller can be restored by opening the backup file.

* To backup all settings, the head model/number of the connected heads saved in the backup file must correspond to the current situation.

