

<Application Example> Advantages of Connecting MONITOUCH and a Laser Marker

Advantages of combining MONITOUCH and a laser marker.

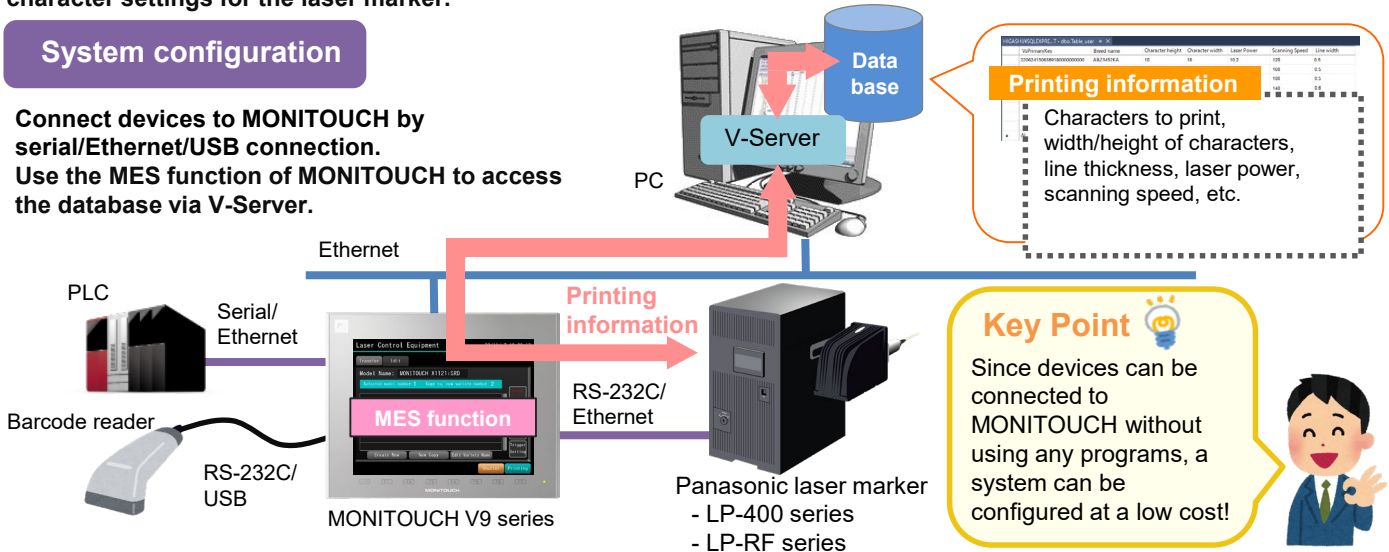
- Program-less connection with a laser marker allows settings and operation with MONITOUCH as an alternative of a console of the laser marker.
- Since the MES function can read a database, printing information can be managed in a database.
- Traceability control can be easily achieved as printing information can be stored in a database using the MES function.

1. Printing Management System

Scan a 2D code on an instruction sheet, acquire the printing information registered in the database, and set the character settings for the laser marker.

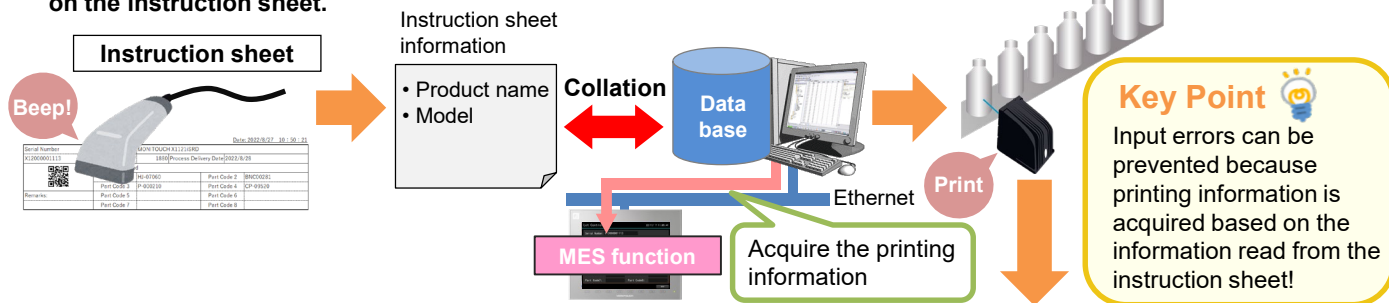
System configuration

Connect devices to MONITOUCH by serial/Ethernet/USB connection. Use the MES function of MONITOUCH to access the database via V-Server.



Operation schematic

1. Scan the 2D code printed on the instruction sheet.
2. Acquire the printing information from the database according to the scanned code.
3. Print on products using the acquired printing information.

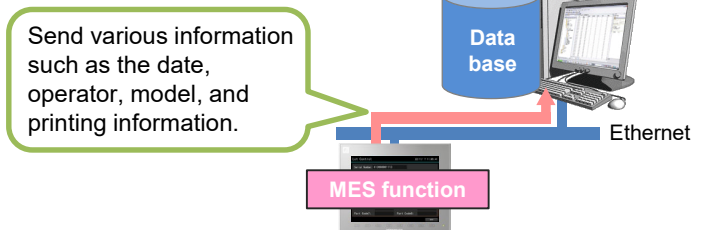


Key Points Benefits as a console

- By using a large-sized MONITOUCH, the visibility and operability of a console can be improved.
- Printing information can be easily sent to the PLC using the 8-way communication function of MONITOUCH.

Note: This is not capable of duplicating all functions of a dedicated console of the laser marker.

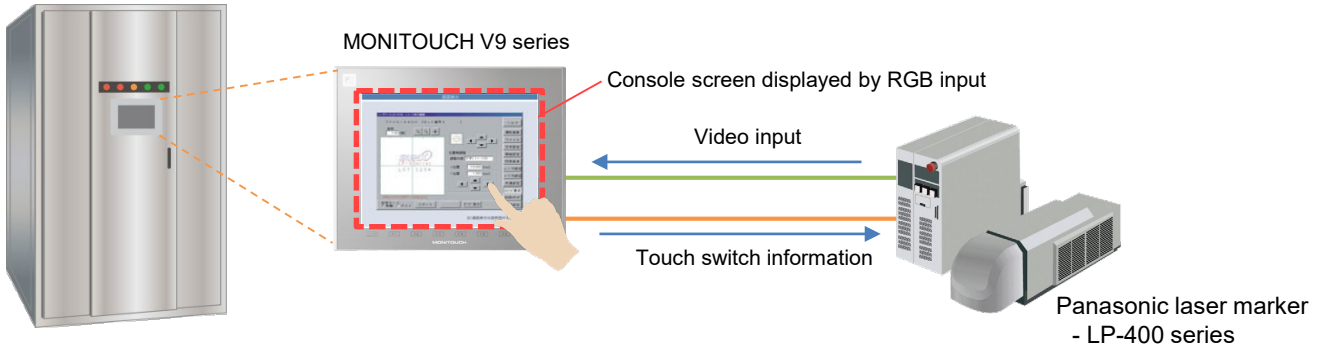
4. Store the printed information in the database.



2. Displaying and operate of the console screen on MONITOUCH

By using the RGB input and the touch switch emulation function, it is possible to display and operate the screen of the laser marker console as is.

* In this example, there is no need to specify the laser marker as a connected device in the hardware settings for the V9 series. It is handled as an RGB input device.



Since the console screen is displayed as is, the functions of the setting device dedicated to the laser marker can be used as is!

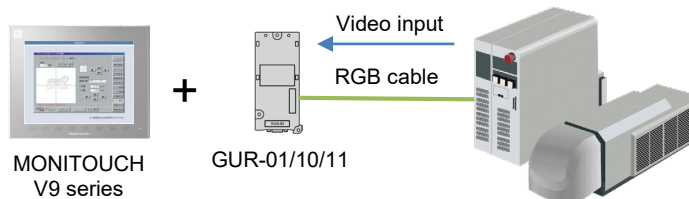


MONITOUCH functions to be used

1. RGB input function

By using the optional "GUR-01/GUR-10/GUR-11"*, RGB signals of the laser marker console screen can be input to display on MONITOUCH.

* The optional unit (RGB input unit) is supported by V9150iX, V9120iS, V9100iS, V9080iSD, and V910xiW only.



2. Touch switch emulation function

The touch switch emulation function enables touch operation of the laser marker console screen displayed on MONITOUCH.

