

General

WJ-771 is local display that provides signal values and current machine status at the Local panel.
WJ-771 is Panel Mount type Display unit and integrates H / W and S / W.

Specification

CONNECTION

Supported devices : VM-7B Monitor, VM-7 Monitor²
Total input : 4 devices (Max.)³

² Modules with firmware versions V0.9.0 or later are required.
³ Multiple concurrent communication requires a hub.

COMMUNICATION

Network : Ethernet 100Base-TX
Protocol : TCP/IP

RECORDING

SHORT TERM DATA

Data : Measured values of each modules
Acquisition interval : 1 sec.
Period : 1 week

LONG TERM DATA

Data : Maximum values and mean values of measured values
Acquisition interval : 1 hour
Period : 3 years

SCREEN

Bar graph screen : Measured values are displayed in rectangular bars.
Relay status screen : Relay status and logic is displayed.
Trend graph screen : Short term data or long term data is displayed.
Range of short term data display : 1 hour / 30 minutes / 15 minutes / 10 minutes / 5 minutes / 2minutes
Range of long term data display : 3 months / 1 month / 2 weeks / 1 week / 3 days/1day
Train screen : Displays measured values and the train diagram. Detailed information window : Monitor range and alarm set values are displayed.

DISPLAY DATA

MEASURED VALUES

GAP (bias) voltage indications, Digital indication of measured values

ALARM

DANGER alarm, ALERT alarm, OK alarm (NOT-OK), GAP alarm⁴, System OK alarm (SYSTEM-OK), Power OK alarm (POWER-OK)

⁴ Outputs as ALERT alarm.

STATUS

DANGER bypass status, Channel bypass status, Demo-mode (simulated value setting mode) status, Sequence mode status, 10-pole high-pass filter (10-pole low-cut filter) status, Peak hold status, First-out status⁵, Internal bus communication abnormality status⁶, Communication board install status⁷

⁵ Only the ALERT LED of the module first set off DANGER/ALERT alarm flashing.

⁶ Only the ALERT LED on the left-end of the screen flashing.

⁷ Only available of VM-7B Monitor.

SET VALUES

Channel name, Tag name, Serial number, Firmware ID⁸, Monitor range, DANGER alarm set values, ALERT alarm set values

⁸ Only available of VM-7B Monitor.

CONTROL FUNCTIONS

RESET INSTRUCTION

Alarm reset, Peak hold reset, First-out reset

BYPAS INSTRUCTION

DANGER bypass, Channel bypass

OTHER FUNCTIONS

Password protection : Password authentication is executed to the instruction of the control operation.
Screen capture : Captures active screen in PNG form.
CSV output : The data of the trend graph under the display is output by Comma Separated Value.

HARDWARE

Item	Details
Processor	Intel Pentium (1.5GHz or higher)
Memory	DDR3L 2GB(or higher)
Storage	SDXC slot, 32GB emmc or 2.5'HDD
Graphics	Intel HD Graphics
Network	Lan, Wireless, Bluetooth
OS	Microsoft Windows 10(or higher)
Active Screen Size	15.0inches (38.016cm)diagonal
Pixel Pitch	0.297mm x 0.297mm
Pixel Format	1024 horiz,by 768vert.Pixels
Color Depth	16M colors(6-bit with FRC)
Luminance, white	250cd/m ² (Center 1 points Typ.)
Outline Dimension	230.3mm x 305.6mm x 96mm
Power	AC 100~230V (50~60HZ)
Environment Operating Temperature	0 ~ +40°C
Storage Temperature	-20 ~ +60°C
Power Consumption	50Watts

※The specifications and other items indicated herein are subject to change without notice

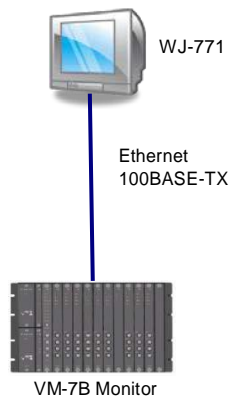
Default Value

Communication

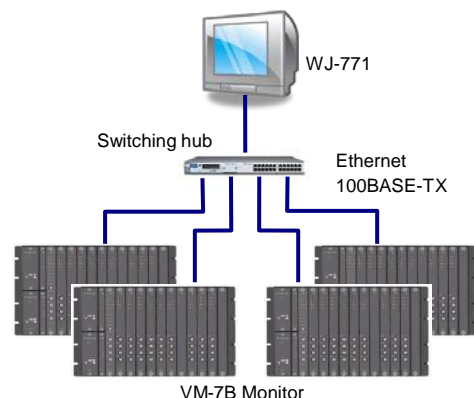
IP Address (Rack1) : 192.168.8.8
 IP Address (Rack2) : 192.168.8.9
 IP Address (Rack3) : 192.168.8.10
 IP Address (Rack4) : 192.168.8.11
 Port Number (All) : 8888

OTHERS

System Configuration



Connecting to one VM-7B Monitor



Connecting to four VM-7B Monitor

Example of Pictures

BAR GRAPH SCREEN



ACTUAL OPERATION APPEARANCE



TREND GRAPH SCREEN



WJ-771 REAR VIEW



※Actual Picture may differ from the images shown in this document