

HMI TCP Port List

This document lists the TCP ports utilized for various HMI features.

eMT/iE/XE/mTV/iP Series:

Feature	Default Port	Note
FTP Server	21	This port number can be changed within the HMI's system settings.
Ethernet Pass-through	2000	This port number can be changed in EasyBuilder Pro's [System Parameter Settings] » [Model] tab, with a range of 2000 to 2100.
VNC Http & Java	80 & 5800	
VNC Viewer	5900	
HMI Communication	8000	This port number can be changed in EasyBuilder Pro's [System Parameter Settings] » [Model] tab.
EasyDiagnoser	8001	
EasyPrinter	8005	This port number can be changed in EasyBuilder Pro's [System Parameter Settings] » [Printer/Backup Server] tab. Make sure to maintain the same configuration in EasyPrinter.
Communication between cMT/cMT X and eMT/iE/XE/mTV/iP	8010	This port number can be changed in EasyBuilder Pro's [System Parameter Settings] » [Model] tab. Make sure to maintain the same configuration for both the project files on the cMT/cMT X model and the eMT/iE/XE/mTV/iP model.
Search for HMI	10275	
Download project through router	20248	To download the project file over the internet, ensure that the router supports virtual server or port number conversion. To change this port number, access the Download window in EasyBuilder Pro and replicate the same configuration in the HMI's system settings.

cMT/cMT X Series:

Feature	Default Port	Note
FTP Server	21	This port number can be changed within the HMI's system settings.
Project Upload / Download, System Settings	80, 443	Used in EasyBuilder Pro / UtilityManager / cMT Viewer
Ethernet Pass-through	2000	This port number can be changed in EasyBuilder Pro's [System Parameter Settings] » [Model] tab, with a range of 2000 to 2100.
WebView	5800	
VNC Viewer	5900	
HMI Communication	8000	This port number can be changed in EasyBuilder Pro's [System Parameter Settings] » [Model] tab.
cMT Diagnoser	8002	
Communication between cMT/cMT X and eMT/iE/XE/mTV/iP	8010	This port number can be changed in EasyBuilder Pro's [System Parameter Settings] » [Model] tab. Make sure to maintain the same configuration for both the project files on the cMT/cMT X model and the eMT/iE/XE/mTV/iP model.
Search for HMI	10275	
cMT Diagnoser	10463	Diagnoser GUI
GUI / cMT Viewer / cMT Diagnoser	10763	This port affects UAC and Trend/Event Display features.

Weincloud:

Feature	Default Port	Note
Dashboard	80, 443, 8883	
EasyAccess 2.0	443	