

Q-SYS™ Plugin for Matrix Tracking Boxes

AVer MT300(N) Plugin for the Q-SYS™ Platform

— **User Manual** —

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Overview

Q-SYS™ Designer software enables users to create designs for native Q-SYS™ Platform system and supports the integration of the greater Q-SYS™ ecosystem.

System Requirement

For Q-SYS™ Designer system requirements, please visit: <https://help.qsys.com/>.

Supported AVer Products

MT300(N) Matrix Tracking Box

Scripting License

All plugins when loaded to Q-SYS system requires a Q-SYS Scripting License and will not function without it. For more details, please visit: https://help.qsys.com/q-sys_9.8/#Core_Manager/Core_Management/Licensing.htm?Highlight=scripting.

About Q-SYS™

Since its inception in 2009, Q-SYS™ has been architected to deliver seamless, unified, and scalable human experiences. With established solutions across Corporate, Education, Hospitality, Venues & Events, Cinema, Government, Healthcare, and Transportation, Q-SYS™ raises the bar for both live and virtual experiences by uniting hardware and software partners, developers, and creators. Headquartered in Costa Mesa, CA, Q-SYS™ has regional offices in Sinsheim (Germany), Boulder (Colorado), Bengaluru (India) and Hong Kong, along with training, market development, sales/support offices and distribution facilities located throughout North and South America, Europe, Asia and the Middle East. For more information, please visit: <https://www.qsys.com/about-us/>.

Get Started

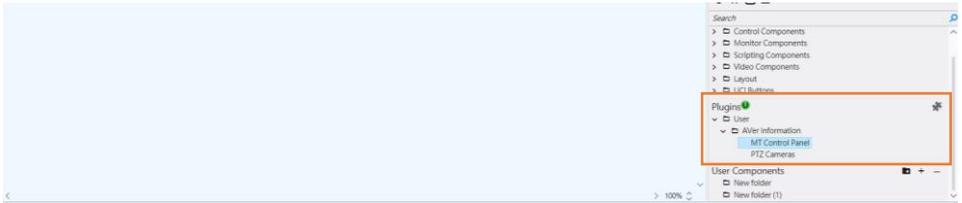
Download and Installation

1. Visit Q-SYS™ official website to download the application:
<https://www.qsys.com/resources/software-and-firmware/q-sys-designer-software/>.
2. Follow the on-screen guide to install Q-SYS™ Designer on your computer.
3. Double click on the icon  to launch the app.

Install and Uninstall the Plugin

To install AVer MT Control Panel Plugin in Q-SYS™ Designer:

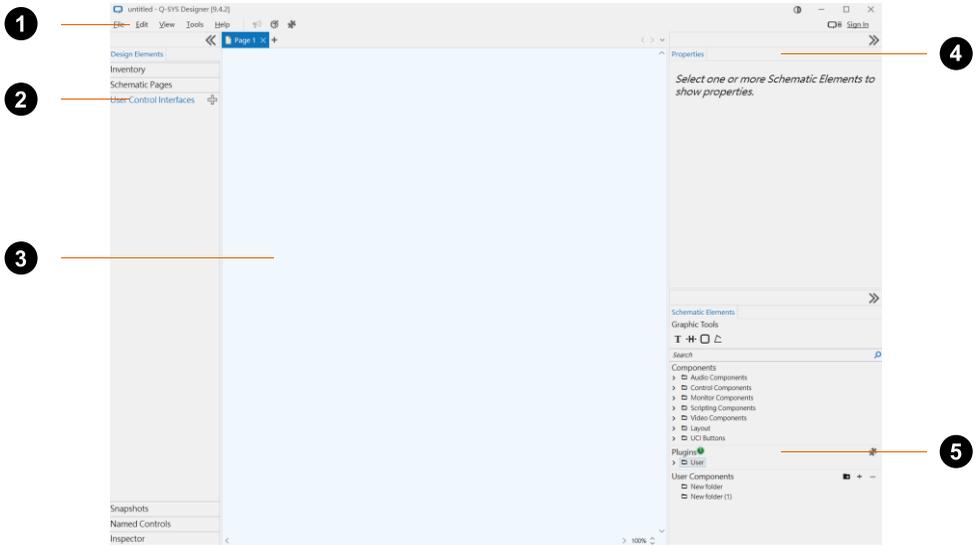
1. Download **AVer MT Control Panel plugin** file to your computer from AVer Download Center:
<https://www.aver.com/download-center>.
2. Double click the downloaded file to install the plugin.
3. If success, you will see the plugin in **Plugins > User > AVer Information** on the lower right corner.



To uninstall AVer MT Control Panel Plugin:

1. Enter location path in your file explorer: C:\Users\[Account]\Documents\QSC\Q-SYS Designer\Plugins to see **AVer MT Control Panel** file.
2. Hover over the file and right click your mouse > **Delete**.

Q-SYS™ Designer Interface



1. Main Menu

Provide quick access to commands and functions.

2. User Control Interfaces (UCI)

Create workspace to design and edit MT300 control panels.

3. The Schematic

Drag and drop files to schematic for further views and edits. You can have more than one page of schematic diagrams.

4. Properties

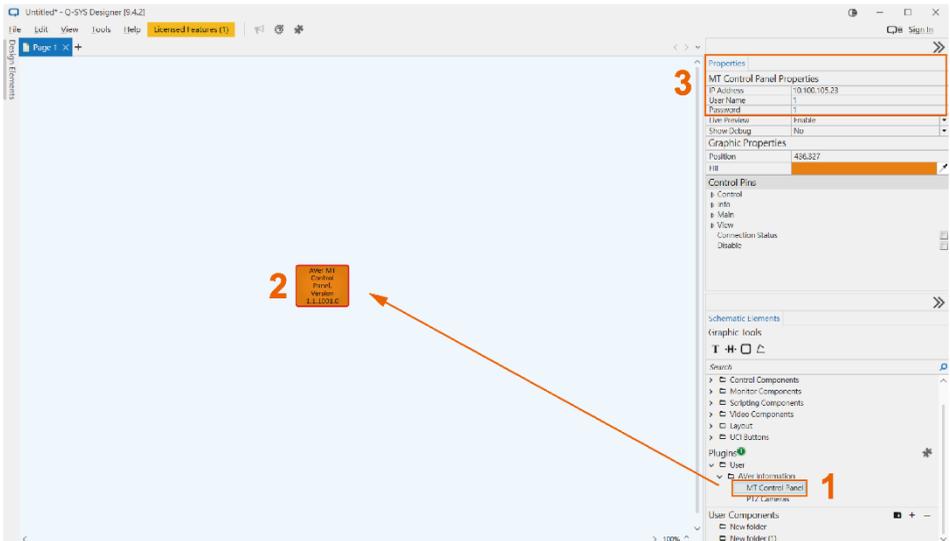
Check and edit the properties of selected components.

5. Plugins

Provide integration of licensed third-party plugins.

- **Asset Manager:** Include installed plugins downloaded from Asset Manager. To open Asset Manager, click .
- **User:** Include manually installed plugins by users (with .qplugx files) and legacy plugins bundled with previous versions of Q-SYS™ Designer.

Set up AVer MT Control Panel Plugin

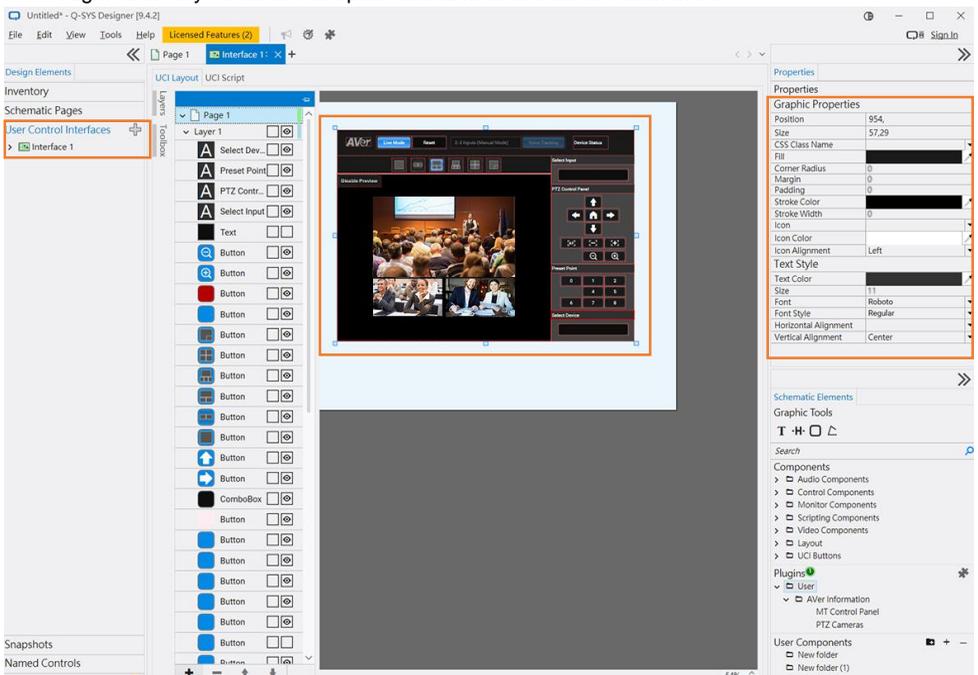


Insert AVer MT Control Panel plugin to the Schematic:

1. Double click on **User** file in **Plugins** section > double click **Aver Information**.
2. Drag **MT Control Panel** plugin and drop it in the Schematic.
3. Enter **MT Control Panel Properties** including IP Address, User Name and Password to connect with your AVer MT300(N) Matrix Tracking Box.

Customize Plugin Components in User Control Interfaces (UCI)

1. Double click on the **AVer MT Control Panel** plugin to show configurable components.
2. Click and drag over to select plugin components, and the selected components will be highlighted with red border.
3. Click **User Control Interfaces** > click  to create an interface, and paste the copied components to the Schematic.
4. To customize control panel components, you can:
 - Click and drag the bounding box to resize.
 - Double click text box to rename.
 - Click the icon and change the icon color in Properties.
 - Right click on your mouse to open context menu for more commands.



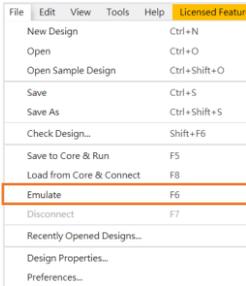
To remove components:

1. Select the component from the Schematic, or select from Layers, press Del on your keyboard.
2. Select the component, click **Edit** in Main Menu > **Delete**.

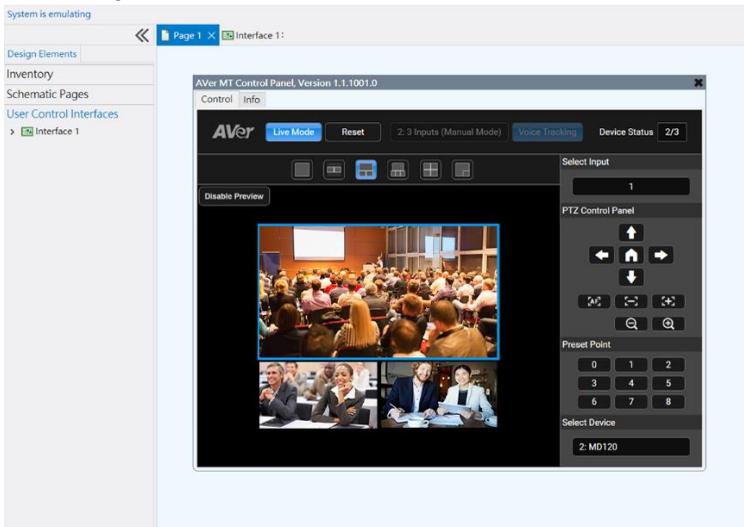
Emulate Connection and Control

After customizing MT Control Panel components, you can run tests by emulating the connection.

To emulate connection and control:



1. Click **File** in Main Menu > **Emulate**.
2. When you see a pop-up window marked “Design License Requirements Have Changed”, click **OK** to continue.
3. When the connection is completed, click the control panel buttons to control your MT300(N) Matrix Tracking Box.



Notes:

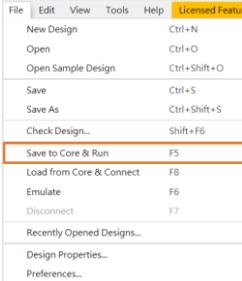
1. When successfully connected, all the icons will turn white and the buttons are clickable; if not, disconnect the emulation and check plugin properties in **Page**.

2. You can't customize the panel components or change any settings until you disconnect emulation. To disconnect, click **File** in Main Menu > **Disconnect**.

Save to Core and Run Connection

When finished configuring the control panel, save your design on the core processor to run connection and control MT300(N) Matrix Tracking Box on devices with compatible software.

To save and run connection:

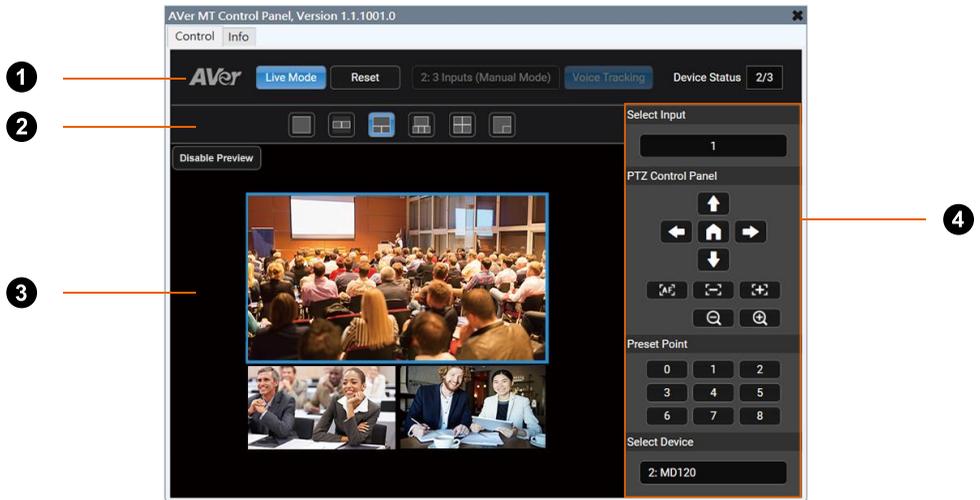


File	Edit	View	Tools	Help	Licensed Feature
New Design					Ctrl+N
Open					Ctrl+O
Open Sample Design					Ctrl+Shift+O
Save					Ctrl+S
Save As					Ctrl+Shift+S
Check Design...					Shift+F6
Save to Core & Run					F5
Load from Core & Connect					F8
Emulate					F6
Disconnect					F7
Recently Opened Designs...					
Design Properties...					
Preferences...					

Click **File** in Main Menu > **Save to Core & Run**.

AVer MT Control Panel

Matrix Tracking Box Control



1. Status Bar

Item	Description
Live Mode Switch	Click to enter or exit Live Mode.
Reset	Reset Live Mode to factory default settings.
Main Profile	Select a saved profile from MT300 web interface.
Voice Tracking	Click to turn on or off voice tracking.
Device Status	Display device status.

2. Grid Layout

Select a layout for your connected device live view.

3. Device Preview

Click **Disable Preview** to show and hide device live view.

4. Control Panel

Item	Description
Select Input	Click to select a live view from the drop-down list.

PTZ Control Panel	Click to change the camera direction, set camera focus and zoom in or out.
Preset Point	Go to a preset by selecting a preset number. Go to MT300 web interface to add preset points.
Select Device	Assign a connected device for the selected live view.

Device Information

Check connection status, model name, firmware version, serial number, MAC addresses in the Info tab.

