

GDC Media Server Setup For ECI-60

This procedure describes how to setup the GDC Media Server to send commands via an Ethernet connection to an ECI-60.

To support the ECI-60 command types, the SMS Version required is 7.7b-rc17 or newer. This version allows specifying the type of command termination character for the ECI-60 to execute.

The ECI tested has version 100410 firmware running on a ECI-60-DU series. This version contains code that supports executing commands from automation equipment without the requirement to keep a connection alive after a command transmission. Each command is terminated with a carriage return. The command for selecting an input format is called "button" and is followed with a format number (input/button number). For instance the command string for Digital 8 Channel on an ECI is "button 3<cr>", note the notation for a carriage return <cr>.

On the GDC Media Server Show Screen the Configuration button is used to access the maintenance functions that will allow the user to define automation command(s) for the ECI-60.

To define an automation command activate the "Configuration" button on the Show Screen and then use the drop down menu on the next screen to select "Maintenance Access." Enter the password and in the next screen, within the Setup group, activate the "Automation" button.

The automation command setup screens use a tab control to access various functions, select the "Devices" tab and then press the "Add" button to add a new device. The next screen will prompt to the user to enter a device name, the name entered will be used to access the specified device and will later have a number of command types assigned to it. At this point enter a device name "ECI-60." On the same screen use the Type drop down menu to select "NETWORKSOCKET" and then press the "OK" button.

On the next screen enter the IP and Port number "10001" for the unit to be sent commands. This screen contains selections as to how a command is to be sent and for this case select "Transport TCP" and Linefeed Type "CR." For the device being specified, the ECI or JSD80, activate the "Edit Control Cues" button. This screen will allow the user to define a number of commands for the device, activate the "Add" button to create a command entry. Enter a name for the command type and for the value the command string, like "button 3". Activate the "Save" button to add this device type with defined commands to the system.

The added ECI-60 automation commands can be tested using the "Actions" tab. From this screen in the device column the user can select the newly created device. In the adjacent column the action type can be selected via a drop down menu selection. Use the "Execute" button to invoke the respective automation commands.