

Sony CNA 1 Driver 1.0.0.1

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Overview

The sony_cna1_driver aims to enable control of the following features exposed by a Sony CNA1 device:

- Assigning CCUs to RCPs
- Getting the status of CCUs and RCPs
- Controlling CCU parameters for a particular CCU

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1. Setting up

1.1. Set up the instance

The instance is a composite instance with the following group types:

- cna_1 (for status information regarding the CNA1 device)
- rcp_ (RCP number to be controlled)
- cam_ (CCU number to be controlled)

Note: The instances needs to have the following extra attributes:

- device_ip - The ip address of the CNA1 device
- device_port - The port of the CNA1 device

Example

```
<instance composite="yes" id="cna_1_driver_mdf_1" type="cna_1_driver"
device_ip="192.168.1.27" device_port="7800" alt_id="Sony CNA 1 Driver MDF 1">
    <group id="cna_1" instance="cna_1" />
    <group id="rcp_01" instance="cna_1/rcp/01" />
    <group id="rcp_02" instance="cna_1/rcp/02" />
    <group id="rcp_03" instance="cna_1/rcp/03" />
    <group id="rcp_04" instance="cna_1/rcp/04" />
    <group id="rcp_05" instance="cna_1/rcp/05" />
    <group id="rcp_06" instance="cna_1/rcp/06" />
    <group id="rcp_07" instance="cna_1/rcp/07" />
    <group id="rcp_08" instance="cna_1/rcp/08" />
    <group id="rcp_09" instance="cna_1/rcp/09" />
    <group id="rcp_10" instance="cna_1/rcp/10" />
    <group id="rcp_11" instance="cna_1/rcp/11" />
    <group id="rcp_12" instance="cna_1/rcp/12" />
    <group id="rcp_13" instance="cna_1/rcp/13" />
    <group id="rcp_14" instance="cna_1/rcp/14" />
    <group id="rcp_15" instance="cna_1/rcp/15" />
    <group id="rcp_16" instance="cna_1/rcp/16" />
    <group id="rcp_17" instance="cna_1/rcp/17" />
    <group id="rcp_18" instance="cna_1/rcp/18" />
    <group id="rcp_19" instance="cna_1/rcp/19" />
    <group id="rcp_20" instance="cna_1/rcp/20" />
    <group id="cam_01" instance="cna_1/cam/01" />
    <group id="cam_02" instance="cna_1/cam/02" />
    <group id="cam_03" instance="cna_1/cam/03" />
    <group id="cam_04" instance="cna_1/cam/04" />
    <group id="cam_05" instance="cna_1/cam/05" />
    <group id="cam_06" instance="cna_1/cam/06" />
    <group id="cam_07" instance="cna_1/cam/07" />
    <group id="cam_08" instance="cna_1/cam/08" />
    <group id="cam_09" instance="cna_1/cam/09" />
    <group id="cam_10" instance="cna_1/cam/10" />
    <group id="cam_11" instance="cna_1/cam/11" />
    <group id="cam_12" instance="cna_1/cam/12" />
    <group id="cam_13" instance="cna_1/cam/13" />
    <group id="cam_14" instance="cna_1/cam/14" />
    <group id="cam_15" instance="cna_1/cam/15" />
    <group id="cam_16" instance="cna_1/cam/16" />
    <group id="cam_17" instance="cna_1/cam/17" />
    <group id="cam_18" instance="cna_1/cam/18" />
    <group id="cam_19" instance="cna_1/cam/19" />
    <group id="cam_20" instance="cna_1/cam/20" />
</instance>

<instance composite="no" id="cna_1" type="cna_1" location=""
ref="device=23,offset=0" alt_id="Sony CNA 1" />

    <instance composite="no" id="cna_1_rcp/01" type="cna_1_rcp" location=""
ref="device=23,offset=10" rcp_num="1" alt_id="Sony CNA 1 RCP 1" />
        <instance composite="no" id="cna_1_rcp/02" type="cna_1_rcp" location=""
ref="device=23,offset=12" rcp_num="2" alt_id="Sony CNA 1 RCP 2" />
            <instance composite="no" id="cna_1_rcp/03" type="cna_1_rcp" location=""
```

```
ref="device=23,offset=14" rcp_num="3" alt_id="Sony CNA 1 RCP 3" />
    <instance composite="no" id="cna_1/rcp/04" type="cna_1_rcp" location="" />
ref="device=23,offset=16" rcp_num="4" alt_id="Sony CNA 1 RCP 4" />
    <instance composite="no" id="cna_1/rcp/05" type="cna_1_rcp" location="" />
ref="device=23,offset=18" rcp_num="5" alt_id="Sony CNA 1 RCP 5" />
    <instance composite="no" id="cna_1/rcp/06" type="cna_1_rcp" location="" />
ref="device=23,offset=20" rcp_num="6" alt_id="Sony CNA 1 RCP 6" />
    <instance composite="no" id="cna_1/rcp/07" type="cna_1_rcp" location="" />
ref="device=23,offset=22" rcp_num="7" alt_id="Sony CNA 1 RCP 7" />
    <instance composite="no" id="cna_1/rcp/08" type="cna_1_rcp" location="" />
ref="device=23,offset=24" rcp_num="8" alt_id="Sony CNA 1 RCP 8" />
    <instance composite="no" id="cna_1/rcp/09" type="cna_1_rcp" location="" />
ref="device=23,offset=26" rcp_num="9" alt_id="Sony CNA 1 RCP 9" />
    <instance composite="no" id="cna_1/rcp/10" type="cna_1_rcp" location="" />
ref="device=23,offset=28" rcp_num="10" alt_id="Sony CNA 1 RCP 10" />
    <instance composite="no" id="cna_1/rcp/11" type="cna_1_rcp" location="" />
ref="device=23,offset=30" rcp_num="11" alt_id="Sony CNA 1 RCP 11" />
    <instance composite="no" id="cna_1/rcp/12" type="cna_1_rcp" location="" />
ref="device=23,offset=32" rcp_num="12" alt_id="Sony CNA 1 RCP 12" />
    <instance composite="no" id="cna_1/rcp/13" type="cna_1_rcp" location="" />
ref="device=23,offset=34" rcp_num="13" alt_id="Sony CNA 1 RCP 13" />
    <instance composite="no" id="cna_1/rcp/14" type="cna_1_rcp" location="" />
ref="device=23,offset=36" rcp_num="14" alt_id="Sony CNA 1 RCP 14" />
    <instance composite="no" id="cna_1/rcp/15" type="cna_1_rcp" location="" />
ref="device=23,offset=38" rcp_num="15" alt_id="Sony CNA 1 RCP 15" />
    <instance composite="no" id="cna_1/rcp/16" type="cna_1_rcp" location="" />
ref="device=23,offset=40" rcp_num="16" alt_id="Sony CNA 1 RCP 16" />
    <instance composite="no" id="cna_1/rcp/17" type="cna_1_rcp" location="" />
ref="device=23,offset=42" rcp_num="17" alt_id="Sony CNA 1 RCP 17" />
    <instance composite="no" id="cna_1/rcp/18" type="cna_1_rcp" location="" />
ref="device=23,offset=44" rcp_num="18" alt_id="Sony CNA 1 RCP 18" />
    <instance composite="no" id="cna_1/rcp/19" type="cna_1_rcp" location="" />
ref="device=23,offset=46" rcp_num="19" alt_id="Sony CNA 1 RCP 19" />
    <instance composite="no" id="cna_1/rcp/20" type="cna_1_rcp" location="" />
ref="device=23,offset=48" rcp_num="20" alt_id="Sony CNA 1 RCP 20" />

    <instance composite="no" id="cna_1/cam/01" type="cna_1_camera" location="" />
ref="device=24,offset=0" ccu_num="1" alt_id="Sony CAM 1" />
    <instance composite="no" id="cna_1/cam/02" type="cna_1_camera" location="" />
ref="device=24,offset=100" ccu_num="2" alt_id="Sony CAM 2" />
    <instance composite="no" id="cna_1/cam/03" type="cna_1_camera" location="" />
ref="device=24,offset=200" ccu_num="3" alt_id="Sony CAM 3" />
    <instance composite="no" id="cna_1/cam/04" type="cna_1_camera" location="" />
ref="device=24,offset=300" ccu_num="4" alt_id="Sony CAM 4" />
    <instance composite="no" id="cna_1/cam/05" type="cna_1_camera" location="" />
ref="device=24,offset=400" ccu_num="5" alt_id="Sony CAM 5" />
    <instance composite="no" id="cna_1/cam/06" type="cna_1_camera" location="" />
ref="device=24,offset=500" ccu_num="6" alt_id="Sony CAM 6" />
    <instance composite="no" id="cna_1/cam/07" type="cna_1_camera" location="" />
ref="device=24,offset=600" ccu_num="7" alt_id="Sony CAM 7" />
    <instance composite="no" id="cna_1/cam/08" type="cna_1_camera" location="" />
ref="device=24,offset=700" ccu_num="8" alt_id="Sony CAM 8" />
    <instance composite="no" id="cna_1/cam/09" type="cna_1_camera" location="" />
ref="device=24,offset=800" ccu_num="9" alt_id="Sony CAM 9" />
```

```

<instance composite="no" id="cna_1/cam/10" type="cna_1_camera" location=""
ref="device=24,offset=900" ccu_num="10" alt_id="Sony CAM 10" />
    <instance composite="no" id="cna_1/cam/11" type="cna_1_camera" location=""
ref="device=24,offset=1000" ccu_num="11" alt_id="Sony CAM 11" />
        <instance composite="no" id="cna_1/cam/12" type="cna_1_camera" location=""
ref="device=24,offset=1100" ccu_num="12" alt_id="Sony CAM 12" />
            <instance composite="no" id="cna_1/cam/13" type="cna_1_camera" location=""
ref="device=24,offset=1200" ccu_num="13" alt_id="Sony CAM 13" />
                <instance composite="no" id="cna_1/cam/14" type="cna_1_camera" location=""
ref="device=24,offset=1300" ccu_num="14" alt_id="Sony CAM 14" />
                    <instance composite="no" id="cna_1/cam/15" type="cna_1_camera" location=""
ref="device=24,offset=1400" ccu_num="15" alt_id="Sony CAM 15" />
                        <instance composite="no" id="cna_1/cam/16" type="cna_1_camera" location=""
ref="device=24,offset=1500" ccu_num="16" alt_id="Sony CAM 16" />
                            <instance composite="no" id="cna_1/cam/17" type="cna_1_camera" location=""
ref="device=24,offset=1600" ccu_num="17" alt_id="Sony CAM 17" />
                                <instance composite="no" id="cna_1/cam/18" type="cna_1_camera" location=""
ref="device=24,offset=1700" ccu_num="18" alt_id="Sony CAM 18" />
                                    <instance composite="no" id="cna_1/cam/19" type="cna_1_camera" location=""
ref="device=24,offset=1800" ccu_num="19" alt_id="Sony CAM 19" />
                                        <instance composite="no" id="cna_1/cam/20" type="cna_1_camera" location=""
ref="device=24,offset=1900" ccu_num="20" alt_id="Sony CAM 20" />

```

1.2. Device types and configuration

The required devicetypes need to be present in `BNCS\your_system\config\devicetypes`.

The following devicetypes are required for complete functionality:

- `cna_1.xml`
- `cna_1_camera.xml`
- `cna_1_rcp.xml`

Note: Slot allocations are read by the driver from the specific devicetype. Changing the slots in the devicetype will change where that specific parameter is presented in the infodriver.

The `sscp_iris_mapping_function.xml` file also needs to present in `BNCS\your_system\config`.

cna_1.xml

This device type exposes parameters from the connected CNA1 device.

Example

```

<?xml version="1.0" encoding="UTF-8"?>
<device_description xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
name="cna_1">
    <param name="Active CNA-1" slot="1" access="readonly" style="label"
class="string" description="Active CNA-1 Device No">
        </param>
</device_description>

```

cna_1_camera.xml

This device type exposes parameters from a specific CCU exposed by the connected CNA1.

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<device_description xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
name="cna_1_camera">
    <param class="enum" access="readonly" style="button" name="status"
slot="1" >
        <state value="Available" caption="Available"/>
        <state value="NotAvailable" caption="NotAvailable"/>
    </param>

    <param name="rcps_list" class="string" style="label" slot="2"
access="readonly">
    </param>

    <param name="Master Black" msg="Master Black" class="range" style="button"
subclass="integer" slot="3" slotWithOffset="0" access="readwrite">
        <values min="-99" max="99" defaultValue="0" step="1" units="db"
value="0"/>
        <display inoffset="0" units="ln" outoffset="0" dp="" multiplier="1" />
    </param>

    <param name="Black Red" msg="Black Red" class="range" style="button"
subclass="integer" slot="4" slotWithOffset="0" access="readwrite">
        <values min="-99" max="99" defaultValue="0" step="1" units="db"
value="0"/>
        <display inoffset="0" units="ln" outoffset="0" dp="" multiplier="1" />
    </param>

    <param name="Black Green" msg="Black Green" class="range" style="button"
subclass="integer" slot="5" slotWithOffset="0" access="readwrite">
        <values min="-99" max="99" defaultValue="0" step="1" units="db"
value="0"/>
        <display inoffset="0" units="ln" outoffset="0" dp="" multiplier="1" />
    </param>

    <param name="Black Blue" msg="Black Blue" class="range" style="button"
subclass="integer" slot="6" slotWithOffset="0" access="readwrite">
        <values min="-99" max="99" defaultValue="0" step="1" units="db"
value="0"/>
        <display inoffset="0" units="ln" outoffset="0" dp="" multiplier="1" />
    </param>
```

```
<param name="White Red" msg="White Red" class="range" style="button"
subclass="integer" slot="7" slotWithOffset="0" access="readwrite">
    <values min="-99" max="99" defaultValue="0" step="1" units="db"
value="0"/>
    <display inoffset="0" units="ln" outoffset="0" dp=""
multiplier="1" />
</param>

<param name="White Green" msg="White Green" class="range" style="button"
subclass="integer" slot="8" slotWithOffset="0" access="readwrite">
    <values min="-99" max="99" defaultValue="0" step="1" units="db"
value="0"/>
    <display inoffset="0" units="ln" outoffset="0" dp=""
multiplier="1" />
</param>

<param name="White Blue" msg="White Blue" class="range" style="button"
subclass="integer" slot="9" slotWithOffset="0" access="readwrite">
    <values min="-99" max="99" defaultValue="0" step="1" units="db"
value="0"/>
    <display inoffset="0" units="ln" outoffset="0" dp=""
multiplier="1" />
</param>

<param name="Saturation" msg="Saturation" class="range" style="button"
subclass="integer" slot="10" slotWithOffset="0" access="readwrite">
    <values min="-99" max="99" defaultValue="0" step="1" units="db"
value="0"/>
    <display inoffset="0" units="ln" outoffset="0" dp=""
multiplier="1" />
</param>

<param name="Detail" msg="Detail" class="range" style="button"
subclass="integer" slot="11" slotWithOffset="0" access="readwrite">
    <values min="-99" max="99" defaultValue="0" step="1" units="db"
value="0"/>
    <display inoffset="0" units="ln" outoffset="0" dp=""
multiplier="1" />
</param>

<param name="Master Knee" msg="Master Knee" class="range" style="button"
subclass="integer" slot="12" slotWithOffset="0" access="readwrite">
    <values min="-99" max="99" defaultValue="0" step="1" units="db"
value="0"/>
    <display inoffset="0" units="ln" outoffset="0" dp=""
multiplier="1" />
</param>

<param name="Master Gamma" msg="Master Gamma" class="range" style="button"
subclass="integer" slot="13" slotWithOffset="0" access="readwrite">
    <values min="-99" max="99" defaultValue="0" step="1" units="db"
value="0"/>
    <display inoffset="0" units="ln" outoffset="0" dp=""
multiplier="1" />
```

```
</param>

<param name="Iris" msg="Iris" class="range" style="button"
subclass="integer" slot="14" slotWithOffset="0" access="readwrite">
    <values min="0" max="28300" defaultValue="0" step="1" units="db"
value="0"/>
    <display inoffset="0" units="ln" outoffset="0" dp=""
multiplier="1" />
</param>

<param class="enum" access="writeonly" style="button" name="Auto White
Balance" slot="15" >
    <state caption="Start" value="1" style="" msg="Start" />
    <state caption="Idle" value="0" style="" msg="Idle" />
</param>

<param class="enum" access="writeonly" style="button" name="Auto Black
Balance" slot="16" >
    <state caption="Start" value="1" style="" msg="Start" />
    <state caption="Idle" value="0" style="" msg="Idle" />
</param>

<param name="Shutter" msg="Shutter" class="enum" style="button" slot="17"
access="readwrite">
    <state value="0" caption="1/60"/>
    <state value="1" caption="1/100"/>
    <state value="2" caption="1/125"/>
    <state value="3" caption="1/250"/>
    <state value="4" caption="1/500"/>
    <state value="5" caption="1/1000"/>
    <state value="6" caption="1/2000"/>
    <state value="7" caption="1/3000"/>
    <state value="8" caption="1/4000"/>
    <state value="9" caption="1/5000"/>
    <state value="10" caption="1/10000"/>
    <state value="11" caption="1/32"/>
    <state value="12" caption="1/33"/>
    <state value="13" caption="1/40"/>
    <state value="14" caption="1/48"/>
    <state value="15" caption="1/50"/>
    <state value="16" caption="1/96"/>
    <state value="17" caption="1/120"/>
</param>

<param name="Scene recall" msg="Shutter" class="enum" style="button"
slot="18" access="readwrite">
    <state value="1" caption="Scene 1"/>
    <state value="2" caption="Scene 2"/>
    <state value="3" caption="Scene 3"/>
    <state value="4" caption="Scene 4"/>
    <state value="5" caption="Scene 5"/>
</param>

<param name="Scene store" msg="Shutter" class="enum" style="button"
```

```

slot="19" access="readwrite">
    <state value="1" caption="Scene 1"/>
    <state value="2" caption="Scene 2"/>
    <state value="3" caption="Scene 3"/>
    <state value="4" caption="Scene 4"/>
    <state value="5" caption="Scene 5"/>
</param>
</device_description>

```

cna_1_rcp.xml

This device type exposes parameters from a specific RCP exposed by the connected CNA1.

Example

```

<?xml version="1.0" encoding="UTF-8"?>
<device_description xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
name="cna_1_rcp">
    <param class="enum" access="readonly" style="button" name="status"
slot="1" >
        <state value="Available" caption="Available"/>
        <state value="NotAvailable" caption="NotAvailable"/>
    </param>

    <param name="camera" slot="2" access="readwrite" style="label"
class="string" description="RCP Camera">
    </param>
</device_description>

```

sscp_iris_mapping_function.xml

This file maps the values obtained from the CNA to fStop numbers

Example

```

<?xml version="1.0" encoding="utf-8"?>
<items>
    <item value="1.8" min="28128" max="28300" />
    <item value="1.9" min="27776" max="28127" />
    <item value="2.0" min="27456" max="27775" />
    <item value="2.1" min="27136" max="27455" />
    <item value="2.2" min="26848" max="27135" />
    <item value="2.3" min="26560" max="26847" />
    <item value="2.4" min="26304" max="26559" />
    .....
    <item value="22.0" min="11840" max="11871" />
    <item value="22.1" min="11808" max="11839" />
    <item value="22.2" min="11776" max="11807" />

```

```
<item value="22.3" min="11744" max="11775" />
<item value="22.4" min="11712" max="11743" />
<item value="22.5" min="0" max="11711" />
</items>
```

1.3. Debug configuration

The debug configuration is stored in the "sony_cna1_driver.exe.nlog" in the same folder as the application executable.

This will create log files in BNCS\your_system\Logs\sony_cna1_driver.

Example

```
<?xml version="1.0" encoding="utf-8" ?>
<nlog xmlns="http://www.nlog-project.org/schemas/NLog.xsd"
      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

    <extensions>
        <add assembly="NlogViewer" />
    </extensions>
    <targets>
        <target xsi:type="NlogViewer" name="DebugWindow" />
        <target xsi:type="OutputDebugString" name="DebugView"
layout="${var:instance}|${level:uppercase=true}|${logger:shortName=false}|${message}" />
        <target xsi:type="File" name="File"
            layout="${date} :+ ${callsite} :+ ${message}"
            deleteOldFileOnStartup="false"

            fileName="${environment:variable=CC_ROOT}\${environment:variable=CC_SYSTEM}\logs\${processname}\${processname}_\${var:instance:default=no_instance_supplied}_\${date:format=yyyyMMdd-HH}.log"

            archiveFileName="\${environment:variable=CC_ROOT}\${environment:variable=CC_SYSTEM}\logs\${processname}\archive\${processname}_\${var:instance:default=no_instance_supplied}_{#}.log"
                archiveEvery="Hour"
                archiveNumbering="Date"
                archiveDateFormat="yyyyMMdd-HH"
                archiveOldFileOnStartup="false"
                maxArchiveFiles="168"
                keepFileOpen="true"
            encoding="iso-8859-2" />
    </targets>
    <rules>
        <logger name="*" minlevel="Trace" writeTo="DebugView" />
        <logger name="*" minlevel="Debug" writeTo="File" />
        <logger name="always" minlevel="Debug" writeTo="DebugWindow" final="true" />
        <logger name="*" minlevel="Debug" writeTo="DebugWindow" />
    </rules>

```

```
</rules>  
</nlog>
```

2.0. Running up

The application requires its instance as the argument.

Example

```
sony_cna1_driver.exe cna_1_driver_mdf_1
```

3.0. User interface

The following views are available on the user interface:

- CNA 1
- RCPs
- CCUs
- CCU Assignment

CNA 1

The CNA 1 view is mainly used for debugging purposes when the driver application cannot establish a reliable connection to the CNA1.

This could happen for a number of reasons:

- No MSU unit connected
- Gateway is not enabled
- There is no CCU in the system

The driver requests via HTTP the status of the CNA 1 in order to expose more of the configuration parameters which may be causing the issue. The following fields are exposed in the [CNA 1 Info](#) datagrid:

- HTTP Status - whether the web server of the CNA 1 can be reached
- Device No - the device number of the CNA 1
- IP Address - the ip address of the CNA 1
- Port - the port of the CNA 1
- Gateway Enabled - if the CNA 1 has the gateway feature enabled
- Mode - the CNA 1 mode
- CNS Mode - the CNA 1 CNS Mode
- Master IP - the IP address of the master MSU device
- Bridge Con Mode - the CNA 1 bridge con mode
- Last OK Response - the last timestamp when the CNA 1 web server was reached successfully

Some of these expected states are defined in the file driver_config.xml which must be present in the config folder of a v4.x system.

Example file:

```
<driver id="cna_1_driver_mdf_1">
    <setting id="LogLevel" value="Normal" />
    <setting id="HttpStatus" value="OK" />
    <setting id="DeviceNo" value="91" />
    <setting id="IP_Address" value="10.161.192.125" />
    <setting id="Port" value="7800" />
    <setting id="GatewayEnabled" value="True" />
    <setting id="Mode" value="msu" />
    <setting id="CnsMode" value="mcs" />
    <setting id="MasterIP" value="10.161.192.124" />
    <setting id="BridgeConMode" value="active" />
</driver>
```

RCPs

The RCPs view is used to indicate useful parameters for an RCP.

The following fields are exposed in the [RCPs](#) datagrid:

- RCP - the RCP number
- Status - the RCP status (NotAvailable or Available)
- CCU - the current assigned CCU number
- Instance - the instance associated with this RCP
- DeviceType - the devicetype associated with this RCP
- Device - the BNCS device number associated with this RCP
- Offset - the BNCS offset associated with this RCP

CCUs

The CCUs view is used to indicate useful parameters for a CCU.

The following fields are exposed in the [Managed CCUs](#) datagrid:

- CCU - the CCU number
- Status - the CCU status (NotAvailable or Available)
- Instance - the instance associated with this CCU
- Label - the instance alt id associated with this CCU
- DeviceType - the devicetype associated with this CCU
- Device - the BNCS device number associated with this CCU
- Offset - the BNCS offset associated with this CCU
- Selected - whether this CCU is currently selected for polling
- RCP List - comma delimited list of current RCPs who have been assigned to this CCU

Upon selecting a row in the [Managed CCUs](#) datagrid the [CCU Parameters](#) datagrid gets targeted with the context for the selected CCU. The [CCU Parameters](#) datagrid exposes all of the parameters in the [cna_1_camera.xml](#) devicetype alongside their current value.

CCU Assignment

The CCU Assignment view exposes one datagrid for CCUs and one for RCPs and allows a selected CCU to be assigned to a selected RCP. The view also has a **Clear** button in order to clear an assignment for a selected RCP.

Version Control

Version	Date	Author	Comments
1.0	27/06/2018	Cristian Recoseanu	Initial document
1.1	30/10/2018	Andrew Prince	Added reference to sscp_iris_mapping_function.xml
1.1.1	09/01/2020	Scott Harman	Added missing parameter for RCP and CCU entries in instances.xml