

# Transmitter CN\_AV V1 Help

V1.1

## Precautions:

- The module is suitable for controller Transmitter.
- If you have any questions about this module or the help documentation, please contact us.

**Module name: Transmitter CN\_AV V1 Driver**

## Module function description:

- Support Transmitter control function.
- Physical interface is Serial or TCP/IP.

Serial port protocol:    baud rate: 57600(default)      Data bits: 8      Stop bits: 1

Check bit: 0

TCP/IP protocol port: 8000 or 23

## Test Environment:

<b>OPS USED FOR TESTING:</b>	CP3N: v1.8000.4522.24170
<b>SIMPL WINDOWS USED FOR TESTING:</b>	4.17.03
<b>DEVICE DB USED FOR TESTING:</b>	200.9500.001.00
<b>CRES DB USED FOR TESTING:</b>	206.05.004.00
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	104
<b>SAMPLE PROGRAM:</b>	3-Series: Test.smw

## Parameter Description:

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### Moduleparameterdescription:

- **[Integer param]TX\_ID**  
Signal used to set Transmitter id,range from 1~762.
- **[Integer param]DebugMode**  
Singal used to set debug mode on or off.

### Inputparameterdescription:

- **[Digital input]Get\_TX\_Status**

- Signal used to get the Transmitter current status .
- **[Digital input]TX\_Led\_On**  
Signal used to set the Transmitter flash power LED.
  - **[Digital input]TX\_Led\_Off**  
Signal used to Set the Transmitter disable flash power LED .
  - **[Digital input]TX\_Preview\_On**  
Signal used to Set the transmitter preview on.
  - **[Digital input]TX\_Signal\_Mute\_On**  
Signal used to Set the transmitter signal mute on .
  - **[Digital input]TX\_Signal\_Mute\_Off**  
Signal used to Set the transmitter signal mute off.
  - **[Digital input]TX\_Audio\_Input\_HDMI**  
Signal used to set the Transmitter audio input HDMI .
  - **[Digital input]TX\_Audio\_Input\_ANA**  
Signal used to set the Transmitter audio input embedded analogue L/R.
  - **[Digital input]TX\_IR\_Vol\_5V**  
Signal used to set the Transmitter IR voltage 5V.
  - **[Digital input]TX\_IR\_Vol\_12V**  
Signal used to set the Transmitter IR voltage 12V .
  - **[Digital input]TX\_IO\_Vol\_5V**  
Signal used to set the Transmitter IO voltage 5V.
  - **[Digital input]TX\_IO\_Vol\_12V**  
Signal used to set the Transmitter IO voltage 12V .
  - **[Digital input]TX\_IO1\_Dir\_In**  
Signal used to set the Transmitter IO 1 as input port.
  - **[Digital input]TX\_IO1\_Dir\_Out**  
Signal used to set the Transmitter IO 1 as output port.
  - **[Digital input]TX\_IO2\_Dir\_In**  
Signal used to set the Transmitter IO 2 as input port.
  - **[Digital input]TX\_IO2\_Dir\_Out**  
Signal used to set the Transmitter IO 2 as output port.
  - **[Digital input]TX\_IO1\_Out\_Low**  
Signal used to set the Transmitter IO 1 output low(0) level .
  - **[Digital input]TX\_IO1\_Out\_High**

- Signal used to set the Transmitter IO 1 output high(1) level.
- **[Digital input]TX\_IO2\_Out\_Low**  
Signal used to set the Transmitter IO 2 output low(0) level .
  - **[Digital input]TX\_IO2\_Out\_High**  
Signal used to set the Transmitter IO 2 output high(1) level.
  - **[Digital input]TX\_Relay1\_Open**  
Signal used to set the Transmitter relay 1 to open.
  - **[Digital input]TX\_Relay1\_Close**  
Signal used to set the Transmitter relay 1 to close.
  - **[Digital input]TX\_Relay2\_Open**  
Signal used to set the Transmitter relay 2 to open.
  - **[Digital input]TX\_Relay2\_Close**  
Signal used to set the Transmitter relay 2 to close.
  - **[Digital input]TX\_SAC\_Off**  
Signal used to set the Transmitter disable ARC and CEC.
  - **[Digital input]TX\_SAC\_CEC**  
Signal used to set the Transmitter select CEC.
  - **[Digital input]TX\_SAC\_ARC**  
Signal used to set the Transmitter select ARC .
  - **[Analog input] TX\_Arc\_Switch\_Dec**  
Signal used to set the Transmitter switch ARC only signals.The signal is range from 0~762.
  - **[Analog input] TX\_Preview\_Photo**  
Signal used to set the transmitter preview off and use photo.The signal is range from 1~17.
  - **[Serial input]TX\_Name**  
Signal used to set Transmitter name.
  - **[Serial input]From\_Device**  
Signal used to receive character from the connected device.

#### **Outputparameterdescription:**

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- **[Serial output]To\_Device**  
Signal used to send character command to the connected device.