

# Crestron Module Documentation

for an

# **ATLONA**

## **AT-PRO2HD1616M**

## **16x16 HDMI Matrix Switcher**

## **1-Way ComPort Expansion Module**

Module developed for Atlona by Front Side Solutions.

[www.frontsidesolutions.com](http://www.frontsidesolutions.com)

## General Information:

Notes	
SIMPLWINDOWS NAME:	Atlona AT-PRO2HD1616M 1-Way ComPort r0.0.usp
CATEGORY:	HDMI Matrix Switch ComPort Expansion Module
VERSION:	r0.0
SUMMARY:	This module adds in the ability to use RS-232 ports on the switchers receiver units as 1-Way ComPorts.
GENERAL NOTES:	<p>This module adds in the ability to use RS-232 ports on the switchers receiver units as 1-Way ComPorts. This module must be used in conjunction with the “Atlona AT-PRO2HD1616M Advanced r0.0.umd” module as it provides internal queuing for this expansion module.</p> <p>This is a 1-way variation of the ComPort Expansion module and is recommended for use. The separate 1.5-way module is experimental and should be used only by experienced programmers who are willing to put in the time required to find the timing parameters that work for a specific system.</p> <p>NOTE: All Digital inputs are buffered inside the module.</p>
CRESTRON HARDWARE REQUIRED:	ST-COM, C2-COM, C2ENET-1/2
SETUP OF CRESTRON HARDWARE:	Unit Default is RS232 Baud: 115,200 Parity: N Data Bits: 8 Stop Bits: 1.

## Parameters:

Parameter Name	Notes
Zone	Select the appropriate zone this instance of the ComPort module will be used on from the drop down list.
BaudRate	Select the appropriate Baud Rate this instance of the ComPort module will use from the drop down list.
DataBits	Select the appropriate Data Bits this instance of the ComPort module will use from the drop down list.
Parity	Select the appropriate Parity this instance of the ComPort module will use from the drop down list.
StopBits	Select the appropriate Stop Bits this instance of the ComPort module will use from the drop down list.

## Control

Signal Name	Type	Notes
Enable	D	Latch High To enable the ComPort. Usually attached to the Swith On Feedback of the Switcher Modules.
Tx\$	S	This is the command you want to send to the device attached to the receivers RS-232 port.

## Feedback

Signal Name	Type	Notes
To_Swt_Mod_\$	S	Connect to the input of the appropriate Zones input on the Switcher module.

## Testing

Notes	
OPS USED FOR TESTING:	AV2: 4.007.005 MC3: 1.005.0015
SIMPL WINDOWS USED FOR TESTING:	4.01.10
DEVICE DB USED FOR TESTING:	46.05.007.00
CRESTRON DB USED FOR TESTING:	35.06.004.00
SAMPLE PROGRAM:	Atlona AT-PRO2HD1616M Advanced Demo (MC3) r0.0.smw
DEVICE FIRMWARE USED FOR TESTING:	1.1.19

## Revision History

Date	Initials	Comments
12.27.2012	CDR	V0.0 Initial Release