

Partner: Exterity IPTV
Model: idaptor HD Receiver PRO
Device Type: AV Receiver



GENERAL INFORMATION:

SIMPLWINDOWS NAME:	Exterity IPTV v1.0.umc
CATEGORY:	AV Receiver
VERSION:	v1.0
SUMMARY:	The module allows controlling the Exterity receiver with a telnet connection.
GENERAL NOTES:	The module allows controlling the Exterity receiver with a telnet connection. The module allows the same commands as the infrared remote.
CRESTRON HARDWARE REQUIRED:	Processor connected to the Ethernet network.
SETUP OF CRESTRON HARDWARE:	Telnet session connects on port 23.
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	Exterity receiver connected to the Ethernet network. Computer connected to the network. VLC on the computer is streaming to the receiver with and UDP connection.

CONTROL:

Connect	D	Pulse to start the telnet connection.
Disconnect	D	Pulse to stop the telnet connection.
Send IR 0-9	D	Pulse to send the IR 0-9 command.
Send IR enter	D	Pulse to send the IR enter command.
Send IR left	D	Pulse to send the IR left command.
Send IR right	D	Pulse to send the IR right command.
Send IR up	D	Pulse to send the IR up command.
Send IR down	D	Pulse to send the IR down command.
Send IR pause	D	Pulse to send the IR pause command.
Send IR menu	D	Pulse to send the IR menu command.
Send IR cancel	D	Pulse to send the IR cancel command.

Partner: Exterity IPTV
Model: idaptor HD Receiver PRO
Device Type: AV Receiver



Send IR exterity	D	Pulse to send the IR exterity command.
Send IR red	D	Pulse to send the IR red command.
Send IR green	D	Pulse to send the IR green command.
Send IR yellow	D	Pulse to send the IR yellow command.
Send IR blue	D	Pulse to send the IR blue command.
Send IR power	D	Pulse to send the IR power command.
Send IR rewind	D	Pulse to send the IR rewind command.
Send IR stop	D	Pulse to send the IR stop command.
Send IR play	D	Pulse to send the IR play command.
Send IR record	D	Pulse to send the IR record command.
Send IR ff	D	Pulse to send the IR fast forward command.
Send IR skip back	D	Pulse to send the IR skip back command.
Send IR skip forward	D	Pulse to send the IR skip forward command.
Send IR channel up	D	Pulse to send the IR channel up command.
Send IR channel down	D	Pulse to send the IR channel down command.
Send IR volume up	D	Pulse to send the IR volume up command.
Send IR volume down	D	Pulse to send the IR volume down command.
Send IR mute	D	Pulse to send the IR mute command.
Send IR guide	D	Pulse to send the IR guide command.
Send IR tv	D	Pulse to send the IR tv command.
Send IR home	D	Pulse to send the IR home command.
Get Channel	D	Pulse to retrieve the channel information.
Get Mode	D	Pulse to retrieve the current mode.
Get Volume	D	Pulse to retrieve the current audio volume.

Partner: Exterity IPTV
Model: idaptor HD Receiver PRO
Device Type: AV Receiver


FEEDBACK:

Connected	D	High to indicate that the connection is made and the login was successful.
WrongLoginCredentials	D	High to indicate that the supplied login credentials are wrong.
Send IR 0-9 fb	D	Pulses high to indicate that the IR 0-9 command is received and processed.
Send IR enter fb	D	Pulses high to indicate that the IR enter command is received and processed.
Send IR left fb	D	Pulses high to indicate that the IR left command is received and processed.
Send IR right fb	D	Pulses high to indicate that the IR right command is received and processed.
Send IR up fb	D	Pulses high to indicate that the IR up command is received and processed.
Send IR down fb	D	Pulses high to indicate that the IR down command is received and processed.
Send IR pause fb	D	Pulses high to indicate that the IR pause command is received and processed.
Send IR menu fb	D	Pulses high to indicate that the IR menu command is received and processed.
Send IR cancel fb	D	Pulses high to indicate that the IR cancel command is received and processed.
Send IR exterity fb	D	Pulses high to indicate that the IR Exterity command is received and processed.
Send IR red fb	D	Pulses high to indicate that the IR red command is received and processed.
Send IR green fb	D	Pulses high to indicate that the IR green command is received and processed.
Send IR yellow fb	D	Pulses high to indicate that the IR yellow command is received and processed.
Send IR blue fb	D	Pulses high to indicate that the IR blue command is received and processed.
Send IR power fb	D	Pulses high to indicate that the IR power command is received and processed.
Send IR rewind fb	D	Pulses high to indicate that the IR rewind command is received and processed.
Send IR stop fb	D	Pulses high to indicate that the IR stop command is received and processed.
Send IR play fb	D	Pulses high to indicate that the IR play command is received and processed.
Send IR record fb	D	Pulses high to indicate that the IR record command is received and processed.
Send IR ff fb	D	Pulses high to indicate that the IR fast forward command is received and processed.

Partner: Exterity IPTV
Model: idaptor HD Receiver PRO
Device Type: AV Receiver



Send IR skip back fb	D	Pulses high to indicate that the IR skip back command is received and processed.
Send IR skip forward fb	D	Pulses high to indicate that the IR skip forward command is received and processed.
Send IR channel up fb	D	Pulses high to indicate that the IR channel up command is received and processed.
Send IR channel down fb	D	Pulses high to indicate that the IR channel down command is received and processed.
Send IR volume up fb	D	Pulses high to indicate that the IR volume up command is received and processed.
Send IR volume down fb	D	Pulses high to indicate that the IR volume down command is received and processed.
Send IR mute fb	D	Pulses high to indicate that the IR mute command is received and processed.
Send IR guide fb	D	Pulses high to indicate that the IR guide command is received and processed.
Send IR tv fb	D	Pulses high to indicate that the IR tv command is received and processed.
Send IR home fb	D	Pulses high to indicate that the IR home command is received and processed.
Volume	A	Analog value containing the volume value.
Current Channel	S	Serial value containing the current channel value.
Current Mode	S	Serial value containing the current mode value.

PARAMETERS:

IPAddress	S	Serial value containing the IP address of the unit.
UserName	S	Serial value containing the username to login.
Password	S	Serial value containing the password to login.

Partner: Exterity IPTV
Model: idaptor HD Receiver PRO
Device Type: AV Receiver

**TESTING:**

OPS USED FOR TESTING:	PRO2 4.001.1012 (Feb 17 2009)
SIMPL WINDOWS USED FOR TESTING:	2.12.39
CRESTRON DB USED FOR TESTING:	21.04.015.00
DEVICE DB USED FOR TESTING:	27.05.003.00
SAMPLE PROGRAM:	Exterity IPTV v1.0 PRO2 DEMO.smw
REVISION HISTORY:	V. 1.0