Exterity Accessories

Datasheet

Exterity products enable organizations to distribute broadcast-quality digital TV and video over building or campus IP networks (LANs) to a virtually unlimited number of users, with centralized management, configuration, and control. There are four groups of Exterity products:

AvediaStream

IPTV Head-end products that stream video content onto an IP network.

AvediaServer

IPTV Server platform for applications that deliver advanced functionality.

AvediaPlayer

Receivers that decode streams from IP networks for use on displays or computer desktops.

Artio

Deliver live TV and VoD combined with program information and specialist services to unlimited numbers of users.

The accessories described here apply to one or more of these product groups and add to the standard features or allow interconnection between an Exterity product and specific external devices.
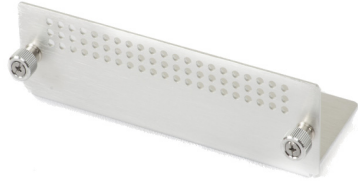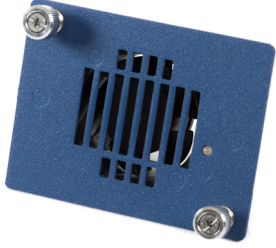
1   Technical Specifications

1.1   Avedia General Accessories

Accessory	Description	Order Code	Applies to	
RJ-45 to 9-pin D-type serial adapter	Adapter that allows an RJ45 cable used for serial control of an Exterity device to be connected to a standard serial plug.	access-srl	AvediaPlayer Receivers AvediaStream TVgateways AvediaStream Encoders AvediaStream t36xx Transcoder	
USB to RJ-45 serial cable	Cable to allow serial control of Exterity device from a USB connection.	access-usb		

1.2   AvediaStream

1.2.1 Chassis Accessories

Accessory	Description	Order Code	Applies to	
AvediaStream chassis module blanking plate	Extra blanking plate to cover an unused chassis blade slot	avstr-cbpl	AvediaStream c1210 and c1103 chassis. Also fits AvediaStream c1110 chassis.	
AvediaStream c1210 chassis power supply and mains cord	Additional power supply to add redundancy or extra power capacity to c1210. Country code specifies mains cord. 110-240v (50Hz-60Hz) 300W 1.0kg	c1210-pwr -uk (BS 1363/A) -us (NEMA 5-15P) -eu (CEE 7/7) -au (AS/NZS 3112) -sa (SABS 164-1)	AvediaStream c1210 chassis. Also fits AvediaStream c1110 chassis.	
AvediaStream c1101 chassis power supply and mains cord	Replacement external power supply for single blade chassis. Country code specifies mains cord. 110-240v (50Hz-60Hz) 50W 1.0kg	c1101-ps24 -uk (BS 1363/A) -us (NEMA 5-15P) -eu (CEE 7/7) -au (AS/NZS 3112) -sa (SABS 164-1)	AvediaStream c1101 chassis	

Accessory	Description	Order Code	Applies to	
AvediaStream c1210 fan module	Replacement cooling fan for c1210 24V DC 1.2W	c1210-fan	AvediaStream c1210 chassis. Also fits AvediaStream c1110 chassis	
AvediaStream c1210 monitor blade	Adds chassis and blade monitoring functions to ten blade chassis (see separate datasheet)	c1210-mon	AvediaStream c1210 chassis. Also fits AvediaStream c1110 chassis	

1.2.2 Cables

Accessory	Description	Order Code	Applies to	
SCART to 4-phono RGBS and 3.5mm stereo audio	Conversion cable enabling RGBS video from an AV SCART to be output to an encoder	e23xx-scart	AvediaStream e2320 and some e2310 encoders (check with Exterity Support or the AvediaStream User Guides for exact models)	
RGBHV to component (YPbPr) adaptor	Conversion cable enabling Component video to be output to an encoder	rgbhv-component	AvediaStream exx35 encoders	

1.3   AvediaServer

1.3.1 Power Supplies

Accessory	Description	Order Code	Applies to	
Replacement AvediaServer c1555 power supply	Power supply AC Input Rating 100-240V / 9-4A/50-60Hz DC Output 720W:+12V/59A; +5V/3A	c1555-pwr	AvediaServer c1555	

1.3.2 CAMS

Where a number of channels is listed below, this assumes one video and one audio elementary stream per channel (2 PIDs).

Note: Exterity sells CAMS from third-party suppliers whose specifications may change without notice. Please check with Exterity support for current details.

Accessory	Description	Order Code	Applies to	
MediaGuard Dual Service DVB-CI CAM	Simultaneously decrypt 2 Mediaguard scrambled channels/4 PIDs from within a single DVB multiplex/transport stream 5V 1-1.5W	cam-mgd	AvediaStream TVgateways g4xx5	
MediaGuard Professional MultiService DVB-CI CAM	Simultaneously decrypt 12 Mediaguard scrambled channels/24 PIDs from within a single DVB multiplex/transport stream 5V 1-1.5W	cam-mgm	AvediaStream TVgateways g4xx5	
Viaccess Two Channel DVB-CI CAM	Simultaneously decrypt 2 Viaccess scrambled channels/4 PIDs from within a single DVB multiplex/transport stream 5V 1-1.5W	cam-vi2	AvediaStream TVgateways g4xx5	
Viaccess Eight Channel DVB-CI CAM	Simultaneously decrypt 8 Viaccess scrambled channels/16 PIDs from within a single DVB multiplex/transport stream 5V 1-1.5W	cam-vi8	AvediaStream TVgateways g4xx5	

Accessory	Description	Order Code	Applies to	
Irdeto Two Channel DVB-CI CAM	Simultaneously decrypt 2 Irdeto scrambled channels/4 PIDs from within a single DVB multiplex/transport stream 5V 1-1.5W	cam-ir2	AvediaStream TVgateways g4xx5	
Irdeto Eight Channel DVB-CI CAM	Simultaneously decrypt 8 Irdeto scrambled channels/16 PIDs from within a single DVB multiplex/transport stream 5V 1-1.5W	cam-ir8	AvediaStream TVgateways g4xx5	
Conax Two Channel DVB-CI CAM	Simultaneously decrypt 2 Conax scrambled channels/4 PIDs from within a single DVB multiplex/transport stream 5V 1-1.5W	cam-co2	AvediaStream TVgateways g4xx5	
Conax Eight Channel DVB-CI CAM	Simultaneously decrypt 8 Conax scrambled channels/16 PIDs from within a single DVB multiplex/transport stream 5V 1-1.5W	cam-co8	AvediaStream TVgateways g4xx5	

1.4 AvediaPlayer

For AvediaPlayer brackets see the separate "AvediaPlayer Brackets" datasheet.

1.4.1 Power supplies

Accessory	Description	Order Code	Applies to	
External power supply and mains cord (product shown here is UK version)	Power supply for use where Power Over Ethernet is not available 110-240v (50Hz-60Hz) 12W 270g	avply-psu -uk (BS 1363/A) -us (NEMA 1-15P) -eu (CEE 7XVI) -au (AS/NZS 3112) -sa (SABS 164-1)	AvediaPlayer Receivers r92xx	

1.4.2 IR Remotes and Extenders

Accessory	Description	Order Code	Applies to	
IR Remote Control	Remote control for receivers. Can also be configured to control TVs. Supplied with two AAA batteries IR 38kHz	avply-rc	AvediaPlayer Receivers r92xx	
IR Remote Control & IR extender (38KHz) kit	Remote control plus 1.5 meter IR extender cable enabling receiver to be mounted out of sight. Can also be used to control TVs. Supplied with two AAA batteries IR 38kHz	avply-rck	AvediaPlayer Receivers r92xx	
Tethered Remote Control	Non-IR remote control connected to receiver by 1.8 meter cable	avply-rct	AvediaPlayer Receivers r92xx	
Standard 38KHz IR extender	1.5m IR extender cable operating at 38KHz to work with the standard IR remote control and enabling receiver to be mounted out of sight	avply-ir38	AvediaPlayer Receivers r92xx	
Specialist 56KHz IR extender	1.5m IR extender cable operating at 56KHz to work with some non-Exterity IR remote controls and enabling receiver to be mounted out of sight	avply-ir56	AvediaPlayer Receivers r92xx	

1.5 IR and Serial Cables

Accessory	Description	Order Code	Applies to
LG* 3.5mm IR port to r92xx IR port	Enables control of Exterity receiver using Exterity IR remote commands passed through an LG TV	avply-ir-lg1	AvediaPlayer Receivers r92xx
LG* DB9 to r92xx IR and serial ports	Enables control of Exterity receiver using Exterity IR remote commands passed through an LG TV. Also enables serial control of LG TVs from Exterity receivers.	avply-irser-lg2	AvediaPlayer Receivers r92xx
Philips* RJ-48 serial port to r92xx serial port	Enables serial control of Philips TVs from Exterity Receiver	avply-ser-phi1	AvediaPlayer Receivers r92xx
Samsung* 3.5mm IR port to r92xx IR port	Enables control of Exterity receiver using Exterity IR remote commands passed through a Samsung TV	avply-ir-sam1	AvediaPlayer Receivers r92xx
Samsung* RJ12 to r92xx IR and serial ports	Enables serial control of Samsung TVs from Exterity Receiver	avply-irser-sam2	AvediaPlayer Receivers r92xx
Samsung* 3.5mm serial port to r92xx serial port	Enables serial control of Samsung TVs from Exterity Receiver	avply-ser-sam3	AvediaPlayer Receivers r92xx
Samsung* RJ-12 serial port to r92xx serial port	Enables serial control of Samsung TVs from Exterity Receiver	avply-ser-sam4	AvediaPlayer Receivers r92xx
Sony* RJ-12 serial port to r92xx serial port	Enables serial control of Sony TVs from Exterity Receiver	avply-ser-son1	AvediaPlayer Receivers r92xx

* Please contact Exterity Technical Support for tested TV model numbers