


AV solutions

DisplayPort / HDMI Extenders

- Looks matter
- Designed for daily business use
- Aluminium design
- Suited for sales in retail



The ACT extenders extend the signal by using a network cable (also called UTP, CAT or patch cable). Extenders use a direct connection or over the existing IP network.

Type no.	AC7770	AC7870	AC7871	AC7850	AC7851
					
Description	4K DisplayPort over CATx extender	HDMI extender set via UTP cable, up to 100 meter	Receiver unit for AC7870	HDMI over IP Extender - set	HDMI over IP Receiver (for AC7850)
Extension over	DisplayPort	CATx	CATx	CATx	CATx
Extension cable	CAT6a (x1)	CAT5e (x1)	CAT5e (x1)	CAT6 (x1)	CAT6 (x1)
Extension connector	RJ45	RJ45	RJ45	RJ45	RJ45
Extension protocol	-	Own	Own	IP	IP
4K Compatible	Yes	Yes	Yes	No	No
Max. resolution	1080p @ 60 Hz	3840 x 2160 @ 30 Hz	3840 x 2160 @ 30 Hz	1920 x 1080 @ 60 Hz	1920 x 1080 @ 60 Hz
3D support	-	-	-	1920 x 1080 @ 60 Hz	1920 x 1080 @ 60 Hz
Audio Passthrough	2.0 CH Stereo	2.0 CH Stereo	2.0 CH Stereo	2.0 CH Stereo	2.0 CH Stereo
Power supply	5V 2A	5V 2A	5V 2A	5V 1A	5V 1A
Included	Power adapter (x2)	Power adapter (x2)	Power adapter	Power adapter (x2) IR-RX cable, IR-TX cable	Power adapter IR-RX cable
Connections	DisplayPort, RJ45	HDMI, RJ45	HDMI, RJ45	HDMI, RJ45	HDMI, RJ45
Connections in	DisplayPort female (x1) RJ45 female (x1)	HDMI A female (x1) RJ45 female (x1)	RJ45 female (x1)	HDMI female (x1) RJ45 female (x1)	RJ45 female (x1)
Connections out	DisplayPort female (x1) RJ45 female (x1)	HDMI A female (x1) RJ45 female (x1)	HDMI A female (x1) RJ45 female (x2)	HDMI female (x1) RJ45 female (x1)	HDMI female (x1)
Max. extension distance	70 m (1080p @ 60 Hz) 40 m (3840x2160 @ 30 Hz)	100 m*	100 m	100 m	100 m
Video signal	DisplayPort	HDMI	HDMI	HDMI	HDMI
Video support	HDCP	EDID, HDCP 1.4	EDID, HDCP 1.4	EDID	EDID
HDMI specifications	DisplayPort 1.2	HDMI High speed	HDMI High speed	HDMI High speed	HDMI High speed
Extra	-	* Expandable with multiple AC7871 chainable receivers up to 250 displays, max. distance 2.5km	-	-	-


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HDMI Extenders / HDMI Repeater

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Type no.	AC7800	AC7810	AC7820
			
Description	HDMI extender set via UTP cable, max. 50m	HDMI extender set via UTP cable, max. 60m, with IR set	HDMI Repeater via HDMI cable
Extension over	CATx	CATx	HDMI
Extension cable	CAT6 (x1)	CAT6 (x1)	HDMI
Extension connector	RJ45	RJ45	HDMI
Extension protocol	Own	Own	-
4K Compatible	No	No	Yes
Max. resolution	1920 x 1080 @ 60 Hz	1920 x 1080 @ 60 Hz	3840 x 2160 @ 60 Hz
3D support	1920 x 1080 @ 30/60 Hz	1920 x 1080 @ 30/60 Hz	1920 x 1080 @ 30/60 Hz
Audio Passthrough	DTS-HD MA Dolby True-HD Dolby Digital	DTS-HD MA Dolby True-HD Dolby Digital	DTS-HD MA Dolby True-HD Dolby Digital
Power supply	5V 1A	5V 1A	Bus powered
Included	Power adapter (x2)	Power adapter (x2) R-RX cable, IR-TX cable	-
Connections	HDMI, RJ45	HDMI, RJ45, IR-RX, IR-TX	HDMI
Connections in	HDMI female (x1)	HDMI female (x1)	HDMI female (x1)
Connections out	HDMI female (x1)	HDMI female (x1)	HDMI female (x1)
Max. extension distance	50 m	60 m	40m 1920x1080 @60Hz 25m 3820x2160 @60Hz
Video signal	HDMI	HDMI	HDMI
Video support	EDID	EDID	EDID – CEC passthrough – HDCP 2.2 & 1.4 compliant
Specifications	HDMI High Speed	HDMI High Speed	HDMI High Speed

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ACT AV solutions are used in meeting rooms, waiting rooms and in companies to show presentations and information on screens. With a splitter it is possible to show the same information on multiple screens.

With the ACT products you choose for reliability in daily use.

Type no.	AC7900	AC7910	AC7830	AC7840	AC7860	AC7702/ AC7704
Description	KVM Switch DisplayPort cable	KVM Switch HDMI cable	HDMI Splitter via HDMI cable	5x1 HDMI Switch	HDMI 4K Matrix Switch 4x4 with 4K @ 60Hz support	400MHz VGA splitter AC7702: 2-Port AC7704: 4-Port
4K Compatible	Yes	Yes	Yes	Yes	Yes	No
Max. resolution	4096 x 2160 @ 30Hz/60Hz	4096 x 2160 @ 30Hz/60Hz	3840 x 2160 @ 30 Hz	3840 x 2160 @ 30 Hz	3840 x 2160 @ 60 Hz	2048 x 1536 @ 60Hz
3D support	-	-	1080p @ 30/60 Hz	1080p @ 60 Hz	-	-
Audio Pass-through	Analog audio	Analog audio	DTS-HD MA, Dolby True-HD, Dolby Digital	DTS-HD MA, Dolby True-HD, Dolby Digital	DTS-HD MA, Dolby True-HD, Dolby Digital	-
Power	Bus powered	Bus powered	5V 1A	5V 1A	5V 3A	12V 1A
Included	-	-	External power supply	External power supply, remote control	External power supply, Remote control, IR-RX cable, Phoenix plug for RS232 cable, Mounting kit with screws	Power supply
Connections in	USB A male (x2), 3,5 mm jack male (x4), DisplayPort male (x2)	3,5 mm jack male (x4), HDMI A (full-size) male (x2), USB A male (x2)	HDMI female (x1)	HDMI female (x5)	HDMI female (x4)	VGA HD D-sub 15-pin female (x1)
Connections out	3,5 mm jack female (x2), USB A female (x2), DisplayPort female (x1)	3,5 mm jack female (x2), USB A female (x2), HDMI A (full-size) female (x1)	HDMI female (x4)	HDMI female (x1)	HDMI female (x4), SPDIF 4x, RJ45 (x1), RS-232, IR-RX jack	VGA HD D-sub 15-pin female (x2) AC7702 (x4) AC7704
Video signal	DisplayPort	HDMI	HDMI	HDMI	HDMI	VGA
Video support	-	-	EDID, HDCP 1.4	EDID – CEC passthrough - HDCP 1.4	EDID, HDCP 2.2/1.4	VGA/SVGA/XGA/ QXGA/UXGA/ MultiSync
HDMI specification	DisplayPort 1.2	HDMI High Speed	HDMI High Speed	HDMI High Speed	HDMI High Speed	-
Control method	Hot-key, Software, Remote control (wired)	Hot-key, Software, Remote control (wired)	-	-	-	-