celexon™

SIGNAL MANAGEMENT

Smart ideas for the bigger picture.

celexon - your specialist
for home cinema and AV solutions

EXPERT HDBASET CAT EXTENDER SET

- transmission of HDMI content over a distance of up to 100m via Cat-cable
- 100m: 1080P@60Hz36bit ; 1080P@30Hz36bit
- 70m: 1080P@60Hz48bit ; 3D1080P@120Hz24bit ; 3D1080P@30Hz36bit ;
- 4K x 2K@30Hz@24Bit
- supports HDMI V1.4 ; HDCP 1.4, POE, RS232, IR via CAT

EXPERT HDMI TO CAT OVER IP EXTENDER SET

- transmission of HDMI content over a distance of up to 100m via TCP/IP
- based data flow
- supports HDMI 1.3 ; HDCP 1.1 ; DVI 1.1; Deep Color 12bit, IR via CAT
- signal can be spread via classic router / switch
- up to 253 receiver

EXPERT HDMI 1X2 SPLITTER INCL. EDID

- splits HDMI Signal 1 Input --> 2 output
- supports 4k x 2k @ 30Hz ; 1080P @ 120 Hz ; 1080P 3D @ 60 Hz
- HDMI 1.4, 3D up to 297MHZ TMDS, DeepColor 30bit / 36bit / 48bit per Pixel
- DTS-HD / Dolby True HD / LPCM 7.1 / Dolby AC3 / DSD
- EDID selector

EXPERT HDMI 2.0 SWITCH 4X1

- switches up to 4 HDMI input sources to one HDMI output
- supports all video formats up to HDMI V2.0 with up to 60Hz, 36bit DeepColor
- supported digital audio formats: DTS / Dolby / DTS-HD / Dolby True HD / LPCM7.1 / AC3
- 3.5mm mini-jack output for infrared signals

EXPERT HDMI REPEATER

- amplifies the HDMI signal to a transmission length of up to 40m
- supports HDMI V1.3; HDCP 1.1/1.0 and DVI 1.0 @ 1,65Gbps
- passive, no external power needed

IR OVER HDMI EXTENDER SET

- Transmission of IR signals via an HDMI cable
- Plug and play
- Supported video formats: 480i, 480p, 720p, 1080i, 1080p, 4Kx2K
- lossless and reliable reproduction of digital audio and video signals
- Supports RCMM IR code process

EXPERT WHD30M WIRELESS HDMI SET

- sends HDMI signal OTA up to 30m @ 60GHZ
- supports resolution from VGA to WUXGA (480i/576i to 1080p@60Hz); 3D video support 1080p/720p
- compliant with HDMI1.4, HDCP2.0, WiHD 1.1
- supports Dolby TrueHD, DTS -HD Master Audio and LPCM digital audio streams up to 7.l ch (HBR)
- near zero latency, CEC commands

TECHNICAL DATA

Description	EAN
Expert HDBaseT Cat Extender Set	4260094736278
Expert HDMI to CAT over IP Extender Set	4260094736292
Expert HDMI 1x2 Splitter incl. EDID	4260094736254
Expert HDMI 2.0 Switch 4x1	4260094738661
Expert HDMI Repeater	4260094736261
IR over HDMI Extender Set	4260094738678
Expert WHD30M Wireless HDMI Set	4260094736735

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