Behind it all. **XTND.**

XTND is what makes distant rooms feel like part of one system.

Hidden out of sight, XTND is the technology that powers everything
from luxury cinemas to remote office desks from a single Cat 6 cable.
One ordinary cable. All your technology connected from afar.

AI
PREMIUM
Made with Aluminum for
better heat management

SKU 2.58.940
XTND 4K (100) eARC & USB

RANGE (4K & 1080P)
100M / 328FT (HDBaseT 3)

MAXIMUM QUALITY
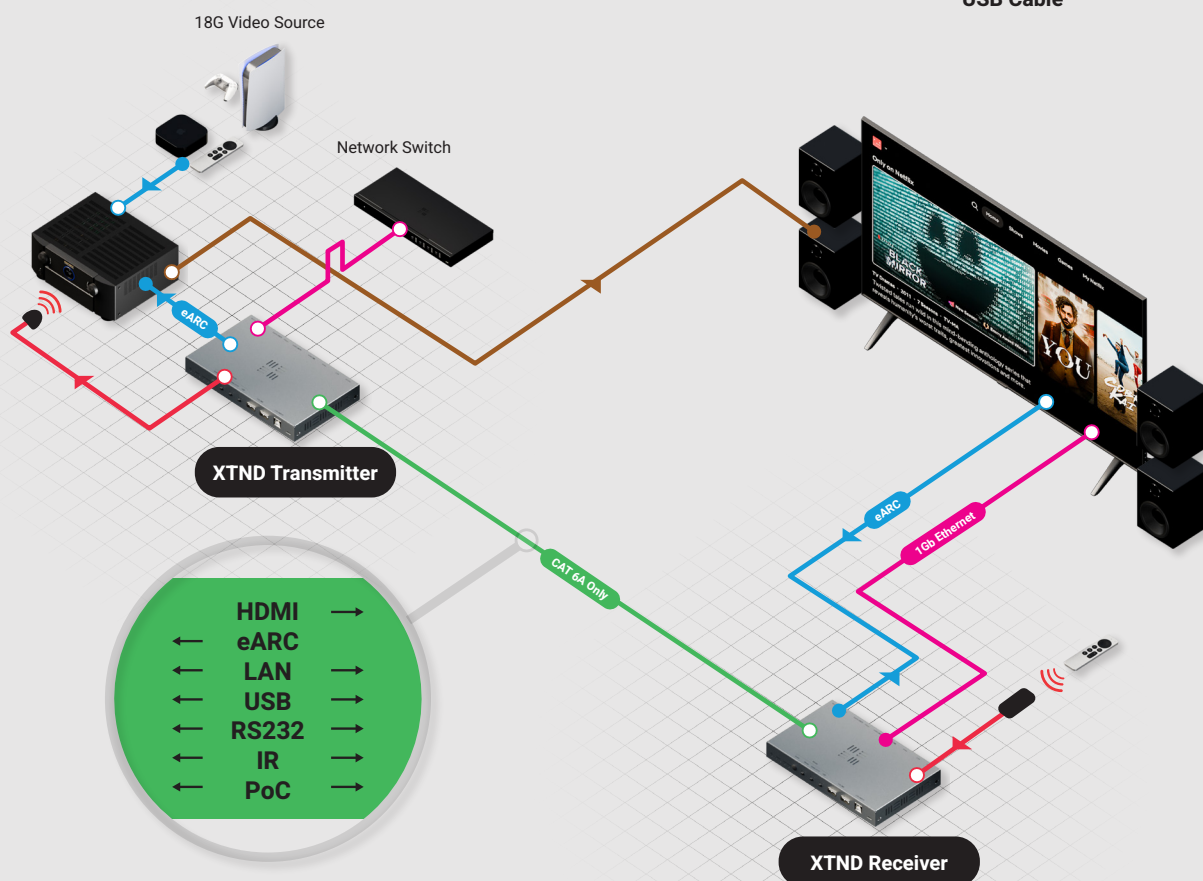18G / 4K60Hz (4:4:4) with HDR inc. Dolby Vision

AUDIO
eARC/ARC + Digital/Stereo extraction

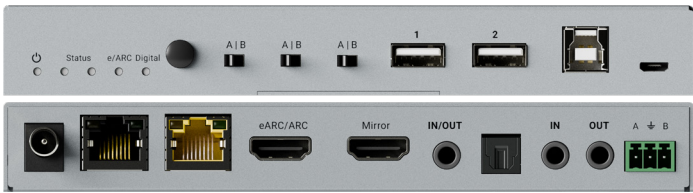**CONNECTIVITY**
USB 2.0 (KVM), Gigabit Ethernet

CONTROL
Bi-Directional IR/RS232/ + CEC passthrough

KVM (classroom or meeting room) example.

18G Video Source
or Meeting Room Solution

USB 2.0

XTND Transmitter

Ultra-low latency
Uncompressed Full 4K

Keyboard & Mouse control

CAT 6A ONLY

XTND Receiver

Cat 6A Cable	
HDMI Cable	
Network Ethernet Cable	
Speaker Cable	
Infrared Cable (Included)	
USB Cable	

Premium home cinema or media room.

18G Video Source

Network Switch

eARC

XTND Transmitter

CAT 6A Only

eARC

1Gb Ethernet

HDMI →
← eARC
← LAN →
← USB →
← RS232 →
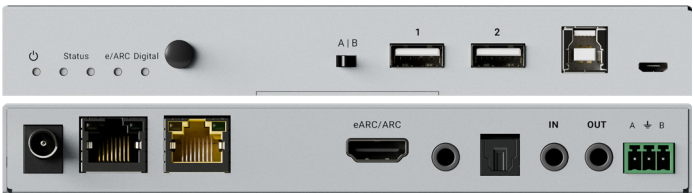← IR →
← PoC →

XTND Receiver

XTND 4K (100) eARC & USB.

Transmitter

Receiver

Features at a glance

Full 18G, premium, uncompressed XTND system.

4K@60Hz (4:4:4) including HDR and Dolby Vision (4K@30Hz)

Uses HDBaseT 3 (the latest & most powerful version)

Long range performance at 4K 100m/328ft using **Cat 6A cable.**

Digital audio support up to & including Dolby Atmos and DTS:X

Audio pass-through & extraction (digital + analogue)

eARC to HDMI (with full CEC control), HDMI Out or SPDIF

Bi-directional USB 2.0 (Host/Device) for KVM operations

Bi-directional IR, RS232 & power (PoC)

Form

W/H/D (mm)	170/102/22
Weight (g)	Transmitter: 425 Receiver: 437
Material	Aluminium
Colour	Carbonite (grey)
Package weight (g)	1040
Operating temp	0°C - 40°C / 32°F - 104°F
Storage temp	-20°C - 60°C / -4°F - 140°F
Relative humidity	20 - 90% (Non-condensing)

AV Input/Output

Tranmistter	Inputs: x1 HDMI Outputs: x1 HDMI (Mirror), x1 HDBaseT, x1 3.5mm Stereo, x1 SPDIF
Receiver	Inputs: x1 HDBaseT, x1 SPDIF Outputs: x1 HDMI, x1 3.5mm Stereo

Control & Warranty

CEC	Full pass-through
Ethernet	1000Mbps (1Gb)
USB	Bi-directional (KVM)
IR + RS232	Bi-directional
Warranty	2 years

Technical

HDMI	2.0b
HDCP	2.3, 1.4
HDBaseT	3
USB	2.0
Video bandwidth	18Gbps uncompressed 16Gbps up 2Gbps down
Transmission distance	1080p & 4K 100m/328ft
Colour space	RGB, YCbCr 4:4:4/4:2:2/4:2:0, YUV 4:4:4
Colour depth	8-bit, 10-bit, 12-bit
Supported resolutions	Up to 4K@60Hz (4:4:4) with HDR
HDR formats	HDR, HDR10, HDR10+, Dolby Vision, HLG
HDMI audio formats	PCM 2.0 / 5.1 / 7.1, Dolby Digital / Plus / EX / True HD / Atmos, DTS, DTS-EX, DTS-96 / 24, DTS High Res, DTS-HD Master Audio, DTS-X
Stereo audio formats	PCM 2.0
SPDIF audio formats	PCM 2.0, Dolby Digital / Plus, DTS 5.1
Infrared	20Khz - 60Khz
ESD protection	±8kV (Air-gap discharge) ±4kV (Contact discharge)
Power consumption	15.36W (PoC)
Power supply	24V 1A (B-directional via PoC)

More extenders.

All XTND HDMI extenders are sold as complete kits, including multi-territory power supplies, IR cabling, and both transmitter and receiver units. Every XTND product is built from premium aluminium for superior heat management and a longer operational life. All units are backed by a standard 2-year warranty for added peace of mind.

SKU 2.50.886	**SKU 2.50.885**	**SKU 2.50.887**	Dolby **SKU 2.58.940**
XTND 4K (40) TPC	**XTND 4K (40) ARC + TPC**	**XTND 4K (100) TPC**	**XTND 4K (100) eARC + USB**
RANGE (4K & 1080P) 40M / 130FT 70M/230FT	**RANGE (4K & 1080P)** 40M / 130FT 70M/230FT	**RANGE (4K & 1080P)** 100M / 328FT	**RANGE (4K & 1080P)** 100M / 328FT Uncompressed
VIDEO MIRROR 1 (on transmitter)	**VIDEO MIRROR** N/A	**VIDEO MIRROR** 1 (on transmitter)	**VIDEO MIRROR** 1 (on transmitter)
AUDIO N/A	**AUDIO** ARC	**AUDIO** Stereo Out (on receiver)	**AUDIO** eARC/ARC, Stereo + Digital extraction
CONTROL 1-way IR	**CONTROL** 2-way IR, RS232, CEC	**CONTROL** 2-way IR, RS232	**CONTROL** 2-way IR, RS232, CEC
SPECIAL 2-way PoH	**SPECIAL** 2-way PoH	**SPECIAL** 2-way PoH	**SPECIAL** 2-way PoH, 1GB Ethernet, USB (KVM)

SKU 2.50.892	**SKU 2.50.896**	Dolby **SKU 2.58.943**	**XTND 2K (1080p models)**
XTND 4K (40) Splitter (1x4+1)	**XTND Audio (300)**	**XTND Audio (100) eARC**	
RANGE (4K & 1080P) 40M / 130FT 70M/230FT	**RANGE** 300M / 984FT	**RANGE** 100M / 328FT	**SKU 2.58.893** **XTND 2K (60)**
VIDEO MIRROR 1 (on transmitter)	**VIDEO MIRROR** N/A	**VIDEO MIRROR** N/A	**RANGE** 60M/197FT
AUDIO N/A	**AUDIO** Optical, Stereo RCA	**AUDIO** eARC/ARC, Optical	
CONTROL 1-way IR	**CONTROL** N/A	**CONTROL** CEC	**SKU 2.58.767** **XTND 2K (150)**
SPECIAL Split single source to 4 displays	**SPECIAL** 2-way PoC	**SPECIAL** 2-way PoC	**RANGE** 150M/492FT

Next steps.

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