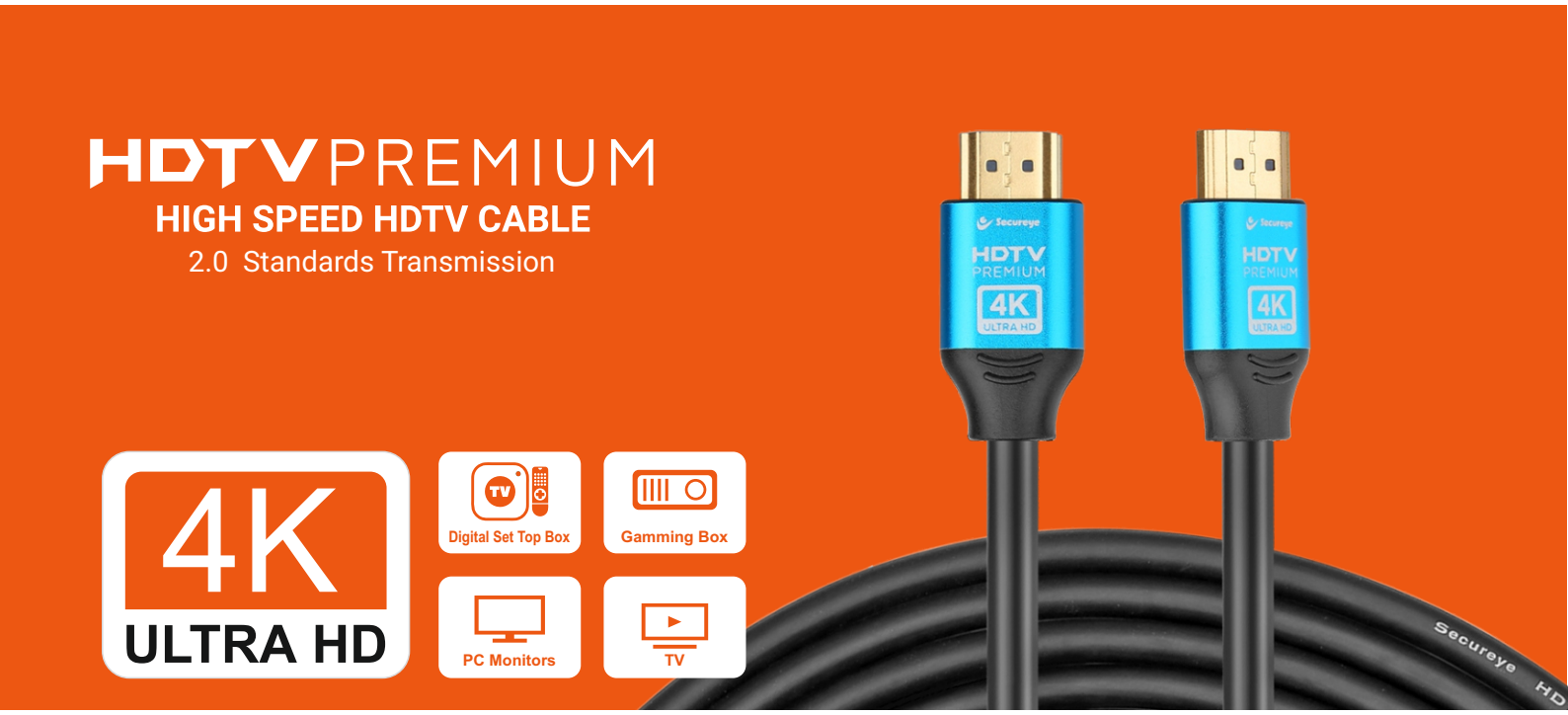
Secureye

DATA SHEET

HDTV PREMIUM

HIGH SPEED HDTV CABLE

2.0 Standards Transmission



This is a passive Premium High Speed HDMI® cable with Ethernet, fully compliant with HDMI 2.0b specification. It provides up to 18 Gbps bandwidth to deliver uncompressed 4K@60Hz (4:4:4) video, HDR, multi-channel lossless audio, ARC and HEC functions. Suitable for home theater, office display, digital signage and gaming devices. Plug-and-play, no driver required.

TECHNICAL SPECIFICATIONS	
HDMI Standard	HDMI 2.0b, Premium High Speed with Ethernet
Maximum Bandwidth	18 Gbps
Supported Video	4K 3840×2160 @60 Hz (4:4:4) 2560×1440 @144 Hz 1920×1080 @240 Hz 3D video formats
HDR	HDR HDR10, Dolby Vision compatible
Audio Support	Support ARC (Audio Return Channel) Up to 32-channel audio, 1536 kHz sampling
Audio Formats	PCM, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos
Copyright	Protection HDCP 2.2 / HDCP 1.4 compliant
Wire Gauge	28 AWG oxygen-free copper (OFC)
MECHANICAL & MATERIAL	
Connector	HDMI Type-A, 19-pin male to male
Contact Plating	24K gold-plated, anti-oxidation
Shielding	Aluminum foil + tinned copper braid double-shield
Inner Insulation	High-density PE
Outer Jacket	PVC (RoHS compliant)
Cable OD	Approx. 7.0 mm

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PERFORMANCE FEATURES	
Frame Stability	No frame drop, no flicker under rated 18 Gbps load
Backward compatible	HDMI 1.0 / 1.2 / 1.3 / 1.4 / 2.0
CEC	Supports CEC consumer electronic control
HEC	HDMI Ethernet Channel for shared internet connection
RELIABILITY	
Mating cycles	≥ 10,000 insertions
Testing	Passed bending, pull-force and twist tests
Interference Protection	Double shielding reduces EMI / RFI interference and crosstalk
Installation	Designed for indoor permanent installation or frequent plug-and-use

COMPATIBLE DEVICES

4K TV, monitor, projector, desktop PC, laptop, game console (PS4 / PS5, Xbox Series), TV box, Blu-ray player, camera and other equipment with standard HDMI Type-A port.

KEY BENEFITS	
Bandwidth	18 Gbps bandwidth ensures stable 4K@60 Hz
HDR support	HDR support delivers enhanced contrast and color depth
Anti-interference	Double-shield construction improves anti-interference capability
Contacts	Gold-plated contacts for long-term stable connection
Lossless audio	Lossless multi-channel audio via ARC
Compatibility	Wide compatibility, plug-and-play

COMPLIANCE

HDMI Premium High Speed requirements

HDCP 2.2

RoHS

CE (EMC)

FCC

Model No:

S-HDB1.5M (4K HDMI CABLE 1.50M)
S-HDB3M (4K HDMI CABLE 3M)
S-HDB5M (4K HDMI CABLE 5M)
S-HDB10M (4K HDMI CABLE 10M)
S-HDB15M (4K HDMI CABLE 15M)
S-HDB20M (4K HDMI CABLE 20M)