

DATASHEET



General data

HDMI extender consisting of a USB-C™ transmitter and an HDMI receiver; Achieves zero-latency transmission over CAT.6/6A/7 network cable of UHD video and audio signals
 Supports 4K@60Hz Type-C video signal transmission up to 60 meters and 25 meters for 4K@120Hz
 Compatible HDMI 2.0, HDCP 2.2, HDCP 1.4; Maximum transmission speed 18Gbps
 Audio formats: PCM, DTS, Dolby; HDR10 supported; HDMI 3D supported; EDID Supported, automatic downscaling
 Ideal for a variety of applications: education, training, conferences, gaming, home entertainment and more.
 TX/RX dimensions: 71.5 (L) x 26.0 (W) x 15.0 (H) mm; ABS material; Black colour

Technical specifications

Voltage

TX: power supply from signal source voltage

RX: DC 5V500mA

Power consumption TX < 3W, RX < 3W

HDMI 2.0

HDCP 2.2, HDCP 1.4

Maximum transmission speed 18 Gbps

Supported resolutions: 1280x720, 1280x960, 1366x768, 1440x900, 1680x1050, 1920x1080, 1920x1200, 720p@50/60Hz, 1080i@50/60Hz, 1080p@24/25/30/50/60/120Hz, 2560x1440@50/60/120/144Hz, 3840x2160@24/25/30/50/60/100/120Hz, 4096x2160@24/25/30/50/60Hz

TMDS signal 0.7~1.2Vp-p (TMDS)

This datasheet was created automatically on 10-10-2026 . Technical changes reserved.



DATASHEET

DDC signal 5Vp-p (TTL)
 Transmission distance:
 CAT6/6A/7 4K@60Hz≤60m
 2560x1440@120/144Hz ≤30m
 4K@100/120Hz≤25m
 Audio formats: PCM, DTS, Dolby
 HDR10 supported
 HDMI 3D supported
 EDID Supported, automatic downscaling
 ESD protection:
 - 1st level 2 contact discharge (±4KV)
 - 1b Level 3 air discharge (±8KV)
 - Implementation of the standard: IEC61000-4-2
 TX/RX dimensions: 71.5 (L) x 26.0 (W) x 15.0 (H) mm
 TX weight: 17 g; RX: 17.5g
 ABS material
 Colour: Black
 Environmental characteristics
 Working temperature -20~55°C
 Storage temperature -30~60°C
 Humidity 0~90%RH (non-condensing)

Box Contents
 USB-C™ Transmitter
 HDMI receiver
 USB cable
 User Manual

Tekniske egenskaber

Available variants

ArtNr.	Bezeichnung	Number of camera inputs	Number of monitor outputs
--------	-------------	-------------------------	---------------------------

IDATA-EXT-600HC		1	1
-----------------	--	---	---

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

This datasheet was created automatically on 10-10-2026 . Technical changes reserved.

