# DATASHEET

## HDMI Extender 4K 60Hz Wireless 5G 20m



### General data

This is a 4K 60Hz HDMI wireless extender kit consisting of a transmitter and a receiver. Adopting ipcolor STREAM technology can realize high definition and low latency transmission. Based on the 5G wireless frequency band, it provides stable performance without interference and in complete safety. It supports 1 to 1 wireless transmission, and the transmission distance can reach 20 meters, effectively solving the problems caused by complicated wiring. It is an ideal wireless video transmission solution for video conferencing, home entertainment, multimedia teaching, etc.

Features
Extends the HDMI signal from the source to the screen wirelessly up to 20 meters (with obstacle-free range): no connection cables between transmitter and receiver are required
Supports point-to-point connection and resolution up to 4Kx2K@60Hz
Based on 5G wireless frequency band, it supports stable and interference-free transmission; Supports SSID pairing and channel switching to avoid interference in environments with other devices
Supports IR passback to control the source remotely and local HDMI output available on the transmitter

Technical specifications
Power supply: Micro USB power supply (5V/1A)
Power consumption: TX < 4.5W, RX < 3.5W
HDMI 2.0
HDCP 1.4/HDCP 2.2
Maximum transmission speed: 18 Gbps
Supported video resolutions: 3840x2160 @ 24/30/50/60Hz (YUV 4:4:4, YUV 4:2:2 and RGB), 1080P @ 50/60Hz, 720P @ 50/60Hz, 1920x1200 @ 60Hz
TMDS signal input and output: 0.7~1.2Vp-p□TMDS□
DDC signal input and output: 5Vp-p□TTL□
Transmission frequency band: 5.18-5.24 GHz
Transmission distance: ≤ 20m
Material: ABS

**This datasheet was created automatically on 08-11-2026 . Technical changes reserved.**

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## HDMI Extender 4K 60Hz Wireless 5G 20m

Colour: Black

Environmental characteristics
Operating temperature: -20~50℃
Storage temperature: -30~70℃
Operating humidity (non-condensing): 0~90% RH

Dimensions
TX: 40.2 x 230.0 x 15.0 mm (D x W x H)
RX: 40.2 x 230.0 x 15.0 mm (D x W x H)

Package contents
1x Transmitter
1x Receiver
2x Power cable
1x User Manual

| **Technical properties** | |
|---|---|
| Max. resolution | 4K@60Hz |
| Suitable for 19 inch mounting | False |
| Video Inputs | HDMI |
| Video interface | HDMI |
| Video norm | Colour PAL |

**Available variants**

| ArtNr. | Bezeichnung | Number of camera inputs | Number of monitor outputs |
|---|---|---|---|
| IDATA-HDMI-WL488 | HDMI Extender 4K 60Hz Wireless 5G 20m | 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.



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