Draadloze HDMI-Set

TC-HDMIWM EU SAP: 5801412

vav.link/nl/tc-hdmiwm

Send Video Wirelessly up to 30 metres (98 ft)
Includes Transmitter and Receiver
Adjustable channel to avoid interference
Use multiple sets in same area
1: 1 only
Tx: Black / Rx: White

Take wireless HDMI one step further; send content from your laptop to a flat-panel display or projector – even through walls – with ease. No software or drivers necessary. It is plug-and-play, and intuitive. Ideal for presentation or meeting space applications.

This set combine's Vision's Wireless Matrix transmitter and receiver in one package with the ability to matrix removed.

Channel System
Each device has a channel selector which scrolls through ten channels. Just set the channel on the transmitter (Tx) and receiver (Rx) so they match.

Range
The range can be up to 30 metres (98ft) in an enclosed environment – or up to 50 metres (164ft) in an open space. Too close or too far away and the image will degrade. It uses the same frequencies as wifi so it will work through dry-walls but performance drops off with distance and physical obstacles

5GHz
It creates it's own WiFi network in the 5GHz frequency band and uses non-DFS channels to avoid interference. The signal is made secure with 128 bit AES encryption.

WiFi Troubleshooting
An onscreen display can be used to look at the frequency spectrum to see what other devices might be interfering with your systems.

HDMI
It is HDMI 1.3 with HDCP 1.2 compliance. Features not supported are ARC (Audio Return Channel), and Ethernet.

Low Latency
The TC-HDMIWM has a latency of less than 200 millisecond – 1/5 of a second. It can support up to 1080P (1920 x 1080) video and is smooth and glitch-free.

IR Passthrough
Includes IR blaster and receiver cables to allow control of the source device from the remote display. Supports 20-60KHz frequencies.

Sleep
If the source is turned off or goes to sleep, the displays associated with that source will also be allowed to sleep.

Other Display Ports
If your computer has Mini-HDMI, miniDisplayPort, DisplayPort, or VGA Vision has all the adaptors you need to make it work. To see them Click here.

VISION

MANUAL

Manual
EN PDF 1.19 MB
files.visionaudiovisual.com/products/TC-HDMIWM/manuals/TC-HDMIWM_manual_en.pdf

Manual
NL PDF 458.81 KB
files.visionaudiovisual.com/products/TC-HDMIWM/manuals/TC-HDMIWM_manual_nl.pdf

IMAGE

Product Images
ZIP 2.43 MB
files.visionaudiovisual.com/products/TC-HDMIWM/images/TC-HDMIWM.zip

Front
PNG 1.26 MB
files.visionaudiovisual.com/products/TC-HDMIWM/images/TC-HDMIWM_front.png

Rear
PNG 1.33 MB
files.visionaudiovisual.com/products/TC-HDMIWM/images/TC-HDMIWM_rear.png

Matrix
PNG 697.02 KB
files.visionaudiovisual.com/products/TC-HDMIWM/images/TC-HDMIWMTX_matrix.png

Dist
PNG 586.75 KB
files.visionaudiovisual.com/products/TC-HDMIWM/images/TC-HDMIWMTX_dist.png

Switcher
PNG 568.71 KB
files.visionaudiovisual.com/products/TC-HDMIWM/images/TC-HDMIWMTX_switcher.png

Product Images
PNG 0.96 MB
files.visionaudiovisual.com/products/TC-HDMIWM/images/TC-HDMIWMTX.png

Product Images
PNG 1.11 MB
files.visionaudiovisual.com/products/TC-HDMIWM/images/TC-HDMIWMRX.png

SPECIFICATIONS

TRANSMITTER DIMENSIONS
121 x 80 x 22 mm / 4,8 " x 3,1 " x 0,9 " (length x width x height)

RECEIVER DIMENSIONS
135 x 80 x 23 mm / 5,3 " x 3,1 " x 0,9 " (length x width x height)

PACKAGED DIMENSIONS
tba (length x width x height)

PRODUCT WEIGHT
310 g / 0.7 lbs (per device)

PACKAGED WEIGHT
1.3 kg / 2.9 lbs

CONSTRUCTION MATERIAL
Metal

COLOUR
Transmitter: Black Receiver: White

MAXIMUM VIDEO FORMAT SUPPORTED
1920x1080 / 1080P @ 60Hz

VIDEO
HDMI 1.3 with HDCP 1.2

MAX TRANSFER RATE
10.2 Gbps

TMDS SIGNAL
0.5~1.5Vp p

DDC SIGNAL
5Vp p

AUDIO
Stereo

IR PASSBACK
20-60KHz

MAX INPUT AND OUTPUT CABLE LENGTH
up to 5m (16.4 feet)

ELECTROSTATIC PROTECTION
Contact and air discharge level 3 IEC 61000-4-2

OPERATING TEMPERATURE RANGE
0-40℃

OPERATING HUMIDITY RANGE
< 90 % RH (no condensation)

MTBF (MEAN TIME BETWEEN FAILURES)
> 30,000 hours

TRANSMITTER POWER CONSUMPTION
Max 5 watts

RECEIVER POWER CONSUMPTION
Max 4.5 watts

LATENCY
< 200 ms

SWITCH TIME
up to 7s (allowing for EDID handshake each time)

MAXIMUM DISTANCE
30 m (98 feet)

ENCRYPTION
128 bit AES

LED CHANNEL –> WIFI CHANNEL –> FREQ –> BANDWIDTH
0–>36–>5.180–>ht20 1–>44–>5.220–>ht20 2–>48–>5.240–>ht20 3–>48–>5.240–>ht40 4–>149–>5.745–>ht20 5–>153–>5.765–>ht20 6–>157–>5.785–>ht20 7–>161–>5.805–>ht20 8–>165–>5.825–>ht20 9–>161–>5.805–>ht40

TRANSMITTER CONNECTIVITY
1 x HDMI socket – gold-plated input 1 x DC power – phoenix connector 1 x 3.5mm Minijack socket – for IR blaster

RECEIVER CONNECTIVITY
1 x HDMI (type A) output 1 x DC Power – phoenix connector 1 x 3.5mm Minijack socket – for IR receiver 1 x 9-Pin D-Sub Male for RS-232

POWER SUPPLY
100-240v AC 50/60Hz 5 volt / 2 amp 10 watt

DC TAIL LENGTH
1.8 m / 5.9 ft

TRANSFORMER INTEGRATED INTO PLUG

INCLUDES INTERCHANGEABLE PLUGS
UK/EU/US/AU

TRANSFORMER DIMENSIONS
66 x 43 x 32 mm / 2.6" x 1.7" x 1.3"

ACCESSORIES INCLUDED
1 x IR Blaster cable, black, length: 1 m / 3.3 ft 1 x IR Receiver cable, black, length: 1 m / 3.3 ft 1 x Remote control: black

WARRANTY
Lifetime return-to-base

COMPLIANCES
RoHS, WEEE, CE, FCC, RCM-POC, SDOC, IC

VISION