



## Set HDMI Wireless

TC-HDMIWM EU SAP: 5801412

[vavlink.it/tc-hdmiwm](http://vavlink.it/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](#).

## MANUAL

### Manual

EN PDF 1.19 MB

[files.visionaudiovisual.com/products/TC-HDMIWM/manuals/TC-HDMIWM\\_manual\\_en.pdf](files.visionaudiovisual.com/products/TC-HDMIWM/manuals/TC-HDMIWM_manual_en.pdf)

### Manual

IT PDF 457.95 KB

[files.visionaudiovisual.com/products/TC-HDMIWM/manuals/TC-HDMIWM\\_manual\\_it.pdf](files.visionaudiovisual.com/products/TC-HDMIWM/manuals/TC-HDMIWM_manual_it.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](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](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](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](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](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°C

### 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

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