KW-14
Wireless HD Transmitter & Receiver

The KW−14T and KW−14R are a high−definition, wireless, HDMI transmitter/receiver pair for indoor use. Up to four KW−14R receivers can receive from one KW−14T transmitter and up to three KW−14T transmitters can be paired with one KW−14R receiver. The KW−14T and KW−14R pair comes pre−associated.

FEATURES

Max. Data Rate - 6.75Gbps (2.25Gbps per graphic channel), Deep Color up to 12−bit
Secure Link - Uses AES−128 bit encryption
Connection Capacity - Up to four receivers can receive from one transmitter simultaneously; up to three transmitters associated with one receiver at any given time
Transmission Range - Up to 30m (100ft) including through walls and furniture
Automatic Frequency Selection - Selects the most suitable frequencies to prevent RF interference
Auto EDID Adjustment - To allow multi−screen support
IR Remote Control - Enables the OSD menu to be displayed on the output display
OSD (On Screen Display) - For simplified setup and configuration
HDCP Compliant - HDCP sources are supported only when all connected displays support HDCP
Zero Latency
Automatic Sleep Mode - After three minutes when no input or link is detected
## TECHNICAL SPECIFICATIONS

**INPUT:**
- 1 HDMI connector (KW−14T), internal antenna (KW−14R)

**OUTPUT:**
- 1 IR on a 3.5mm mini jack, internal antenna (KW−14T), 1 HDMI connector (KW−14R)

**VIDEO RESOLUTION:**
- Up to 1080p @60Hz; 8, 10, or 12-bit color depth and VESA up to 1920 x 1080 @60Hz

**FORMATS:**
- RGB and YCbCr digital video

**MAXIMUM DATA RATE:**
- 6.75Gbps (2.25Gbps per channel)

**MAXIMUM PIXEL CLOCK:**
- 148.5MHz

**AUDIO FORMATS:**
- PCM, Dolby Digital 2/0, Dolby Digital 2/0 Surround, Dolby Digital 5.1, Dolby Digital Surround EX, DTS 2-channel, DTS Digital Surround 5.1, DTS 96/24

**AUDIO RATE:**
- Digital audio from the HDMI input up to 6Mbps

**RF COMMUNICATION FREQUENCY:**
- 5.19 to 5.795GHz (In Israel operation is limited to 5.15 to 5.35GHz)

**TRANSMISSION POWER:**
- <18dBm conducted (KW−14T), <12dBm per channel conducted (KW−14R)

**RECEIVING SENSITIVITY:**
- –75dBm (KW−14T), –65dBm (KW−14R)

**SYSTEM LATENCY:**
- <1ms

**STANDARDS:**
- HDMI with Deep Color, x.v.Color™, 3D; HDCP 2.0—works with sources that support HDCP repeater mode, DVI 1.0

**UNOBSTRUCTED TRANSMISSION RANGE:**
- 30m (100ft) (KW−14T), 30m (100ft) (KW−14R)

**POWER CONSUMPTION:**
- 5V DC 1A (KW−14T), 5V DC 1.2A (KW−14R)

**OPERATING TEMPERATURE:**
- 0° to +40°C (32° to 104°F)

**STORAGE TEMPERATURE:**
- –40° to +70°C (−40° to 158°F)

**HUMIDITY:**
- 10% to 90%, RHL non-condensing

**COOLING:**
- Convection, vented

**ENCLOSURE TYPE:**
- Plastic

**ENVIRONMENTAL REGULATORY COMPLIANCE:**
- Complies with appropriate requirements of RoHS and WEEE

**VIBRATION:**
- ISTA 1A in carton (International Safe Transit Association)

**COMPLIANCE STANDARDS:**
- CE, c−UL, UL

**EMMISSION STANDARDS:**
- CE, C−tick, FCC Class B, ICES, VCCI, KC

**INCLUDED ACCESSORIES:**
- Power supply 5V, 2 HDMI cables 0.9m (2.95ft) PN 2518−0101003, 1 IR Emitter cable PN 3300−500135

**Product Dimensions:**
- 9.50cm x 9.50cm x 3.40cm (3.74" x 3.74" x 1.34") W, D, H
Product Weight 0.3kg (0.6lbs) approx
Shipping Dimensions 35.10cm x 21.20cm x 7.20cm (13.82” x 8.35” x 2.83” ) W, D, H
Shipping Weight 1.1kg (2.4lbs) approx