



## KW-14

Wireless HD Transmitter & Receiver

| HDMI | HDCP Compliant



The KW14T and KW14R are a highdefinition, wireless, HDMI transmitter/receiver pair for indoor use. Up to four KW14R receivers can receive from one KW14T transmitter and up to three KW14T transmitters can be paired with one KW14R receiver. The KW14T and KW14R pair comes preassociated

### FEATURES

**Max. Data Rate** - 6.75Gbps (2.25Gbps per graphic channel), Deep Color up to 12bit

**Secure Link** - Uses AES128 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 multiscreen 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

**CEC Support**



# KRAMER

## TECHNICAL SPECIFICATIONS

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INPUT:	1 HDMI connector (KW14T), internal antenna (KW14R)
OUTPUT:	1 IR on a 3.5mm mini jack, internal antenna (KW14T), 1 HDMI connector (KW14R)
VIDEO RESOLUTION:	Up to 1080p @60Hz; 8, 10, or 12bit 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 2channel, 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 Japan operation is limited to the lower bands 5.15 to 5.25GHz, in Israel operation is limited to 5.15 to 5.35GHz)
TRANSMISSION POWER:	<18dBm conducted (KW14T), <12dBm per channel conducted (KW14R)
PRODUCT DIMENSION:	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 DIMENSION:	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
RECEIVING SENSITIVITY:	-75dBm (KW14T), -65dBm (KW14R)
SYSTEM LATENCY:	<1ms
STANDARDS:	HDMI with Deep Color, x.v.Color™, 3D, CEC; HDCP 2.0—works with sources that support HDCP repeater mode, DVI 1.0
RF COMMUNICATION FREQUENCY:	5.19 to 5.795GHz (In Japan and Israel operation is limited to the lower bands; 5.15 to 5.25GHz)
UNOBSTRUCTED TRANSMISSION RANGE:	30m (100ft) (KW14T), 30m (100ft) (KW14R)
POWER CONSUMPTION:	5V DC 1A (KW14T), 5V DC 1.2A (KW14R)
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 noncondensing
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, cUL, UL

EMMISSION STANDARDS:

CE, Ctick, FCC Class B, ICES, VCCI, KC

INCLUDED ACCESSORIES:

Power supply 5V, 2 HDMI cables 0.9m (2.95ft) PN 25180101003, 1 IR Emitter cable PN 3300500135

