SKYLARX

SKYLARX – Ultra-Fast Wireless 4K Video and Audio Sharing Solution

Enables wireless streaming of ultra-high definition (UHD) video @ 30 frames per second, eliminating the need for messy hard-wired connections and offering wireless transmissions for distances of up to 30 meters.

SKYLARX
PLUG IN AND PLAY.

ULTRA FAST
WIRELESS 4K
SHARING

FAST, STABLE,
30M LINE-OF-SIGHT
CONNECTION

THE SKYLARX WIRELESS 4K SOLUTION

The Skylarx Wireless 4K solution enables the wireless streaming of ultra high definition (UHD) video, eliminating the need for messy hard-wired connections and offering wireless transmissions for distances of up to 30 metres.

Consisting of a transmitter (TX) and receiver (RX) and adopting ultra-fast wireless UHD, the high data rate link established between the Skylarx devices enables the seamless transmission of uncompressed UHD video stream up to 4K.

The Skylarx transmitter and receiver device uses HDMI ports to communicate with the video equipment, which brings a true plug in and play experience to the customer. Featuring high quality video, ultra-low latency and immunity to interference, it provides an ideal solution for movie and TV streaming, gaming, home office, education systems, conferences and exhibitions.

GENERAL SPECIFICATION

Frequency band	59.4GHz-63.56GHz
Channel bandwidth	1.76GHz
Line-of-sight transmission distance	30m
Connection time	<40 seconds first time <15 seconds repeated connection
HRP Radiated Power (EIRP)	28dBm
HRP antenna fin	18dBi
Receiver sensitivity	-72dBm
PHY transmission latency	Less than 0.2 milliseconds
Power	Separate power adapters provided
Final product	88mm x 90mm x 15mm
Video port	HDMI Type A
Resolution and frames per second	120 FPS supported at 720p, 60 FPS supported at 1080p, 30 FPS supported at 3840 x 2160 (@ 30 Hz)

FEATURES

Wireless HD v1.1 compliant device

60GHz interference free link for uncompromised video quality and sub-frame video latency

1.4 standard for content protection

Small form factor module

Wide support for video resolutions, up to 4K@30 Hz

Support for surround sound audio

Support for CEC or AVC commands

Support HDCP v1.4/v2.0/2.2, 1.4 standard for content protection, for displaying DVD and Blu-ray movies

Automated advance power control for energy saving

In-room signal coverage

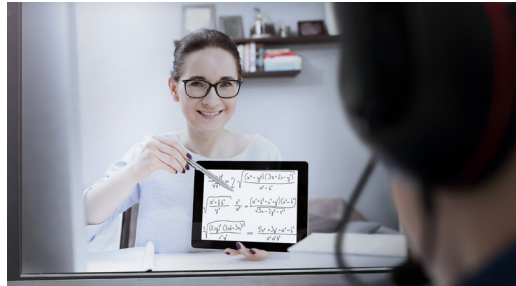Support HDMI, HML video port, plug in and play

APPLICATIONS
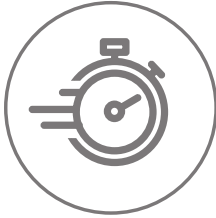

HOME OFFICE

EDUCATION SYSTEMS

CONFERENCES & EXHIBITIONS

GAMING

MOVIE & TV STREAMING

BENEFITS

FAST, STABLE CONNECTION

4K RESOLUTION

SUPPORTS AUDIO

30M LINE-OF-SIGHT IN ROOM SIGNAL COVERAGE

PLUG IN AND PLAY

UNCOMPROMISING QUALITY

TRANSMITTER

RECEIVER

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