

Explore the New Era of Wireless HD Technology

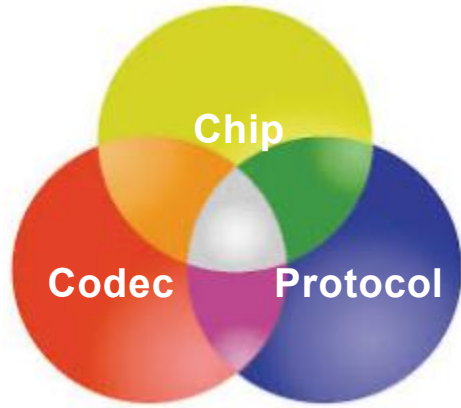


4K60 HDR10bit with Exceptional Low Latency



Optimized codec | Almost-zero latency | 4K60 | HDR10bit | Vision lossless | Dolby Atmos | High stability

Technology



Tightly inter-locked patents create a patent wall to competitors.

Chip	Optimized video DSP
Codec	Codec algorithm for wireless transmission
Protocol	Low-latency communication protocol

1. Codec chip: The proprietary parallel-processing architecture is optimized for video compression and decompression. The most advanced codec algorithms can be ported to run on it and the encode/decode time of 4K videos can be shortened to only 1ms.
2. Codec algorithm: Optimized codec so that it can be ported to run on our powerful hardware architecture. The patented error correction algorithm designed for wireless transmission can reduce transmission delay and improve transmission reliability.
3. Communication protocol: While retaining standard IP packets, the proprietary communication protocol optimized for wireless transmission can reduce transmission delay and improve transmission reliability.
4. Real-Time Adaptive Bitrate Adjustment: our protocol ensures seamless video streaming by dynamically adjusting the encoding bitrate in response to real-time WiFi bandwidth fluctuations. This intelligent feature minimizes jitter and maintains smooth video playback, even in environments with unstable WiFi connections.
5. Advanced Network Congestion Management: Through continuous exchange of network monitoring packets, our product accurately estimates effective network throughput, enabling real-time encoding bitrate adjustments. This proactive approach prevents network congestion and streaming delays, ensuring a superior viewing experience without compromise.



Minimum 16ms Extremely Low Latency

Real time codec and protocol for low latency and high reliability that combine the benefits of uncompressed and compressed video streaming solutions.

Minimum latency as low as 16ms



Experience True 4K60HDR Clarity Wirelessly

Powered by a high-performance chipset, SmartShare Ultra support true 4K resolution, delivering sharper images, richer details, and enhanced textures far beyond 1080P quality.



Long Distance Transmission in 4K60

Built-in powerful high-sensitivity wireless module supports wireless transmission of up to 150 meters in clear line of sight.



Hear the Difference Dolby & DTS Supported

Experience a new level of clarity with Dolby and DTS sound paired with flawless wireless HDMI video transmission.

Note: Our product is designed not to encode or decode Dolby or DTS audio. Instead, it supports the bypass of Dolby Atmos/DTS signals directly to your TV for decoding.



True Colors

Experience HDR10bit Brilliance Wirelessly

Set your display apart with cutting-edge HDR 10-bit technology, delivering exceptional brightness and rich colors wirelessly.



Interference-free technology for smooth play

Private communication protocol: While retaining standard IP packets, the proprietary communication protocol optimized for wireless transmission can reduce transmission delay and improve transmission reliability.



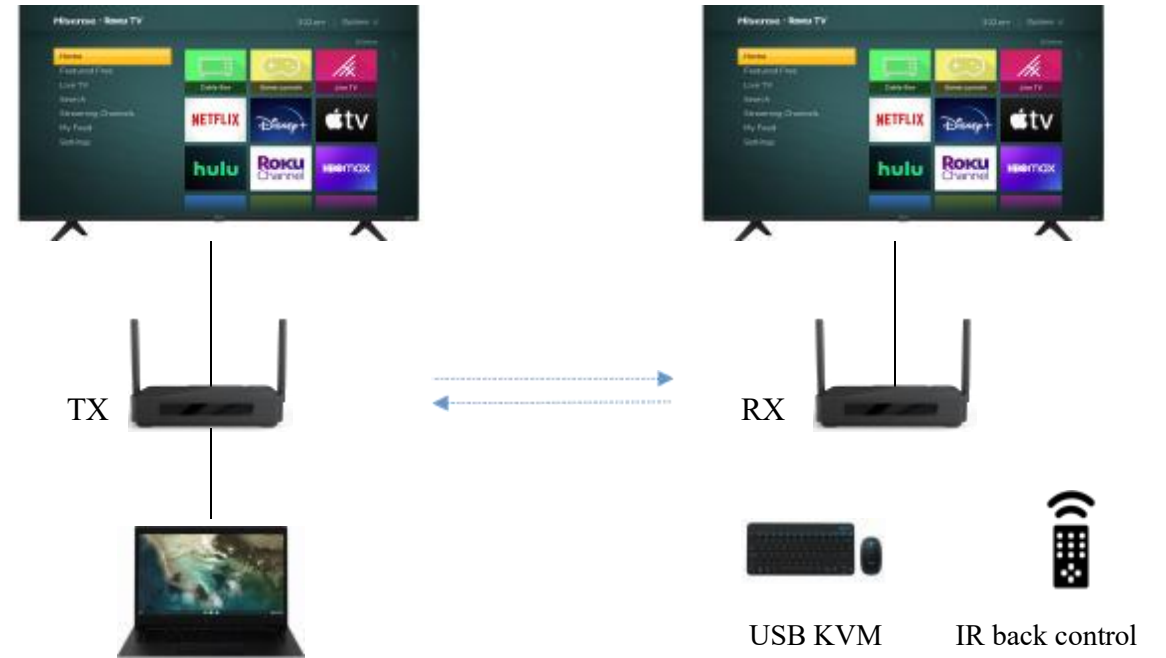
Guarding Every Byte Securing Every Moment

Proprietary encoding and decoding protocol ensures secure transmission of your audio and video that cannot be decrypted by unauthorized parties.



Seamless Control Boundless Freedom

With support for IR extended functionality and
USB KVM, you can control your devices remotely
with precision and convenience.



Specification

HDMI in Version	HDMI 2.0
HDCP Version	HDCP 2.2
Input Resolution	Up to 4K60
HDMI out	Up to 4K60
Transmission Resolution	Up to 4K60
HDR Supported	HDR10 bit
Dolby Atmos/DTS Bypass	Supports wireless streaming Dolby Atmos and DTS to TV for decoding and playback
Latency	As low as 1 frames (16ms at 60fps) Remark: Depending on the complexity of the video and WiFi interference, the latency may experience fluctuations ranging from 2 to 3 frames
Security	AES128 encryption & Proprietary coding protocol and transmission algorithms to ensure high data security
IR Extended Function	Support 38KHz to 56 KHz wide frequency
USB KVM	Support mouse/Keyboard/touch panel back control
Wireless Standard	Built in industrial 802.11ac MIMO 2T2R Wi-Fi solution
Throughput	Up to 866Mbps
Frequency	5150-5350MHz ; 5470-5725MHz; 5725-5850MHz ; 5850-5925MHz
Bandwidth	Support 20MHz, 40MHz, 80Mhz
WiFi PA	Maxmium 20dBm
Antennas	2 x 5dBi High Sensitive Antennas
Distance	About 150 meters in the clear line of sight Remark: The 150 meters testing range is based on a clear, unobstructed line-of-sight in an interference-free environment. If there are any sources of interference or obstacles in your environment, the effective testing range may be reduced
Power Supply	12V1.5A