RGBlink

/CCK 4

4K Wireless Video Transmission System



450m

Strong penetration,
long transmission range

UVC

USB-C monitoring,
a new experience

One-to-five
transmission/reception

4K
ULTRA HD

4K30 Ultra HD

60Mbps

High bitrate,
high image quality

5G

5GHz, multi-channel

ASK 4

ASK 4 is more than a wireless video transmitter—it's a flexible 4K wireless video collaboration platform designed for photographers, videographers, content creators, live production teams, and AV integration engineers. Whether you're shooting on location, building a wireless monitoring workflow, or integrating video signals into a professional AV system, ASK 4 delivers reliable, low-latency performance with professional connectivity.

Supporting HDMI input and loop-out up to 4K@30Hz, ASK 4 provides wireless transmission distances of up to 450 meters (1,500 feet) under line-of-sight conditions, making it ideal for wedding and event photography, corporate video production, church streaming, education, and live events. The built-in 1.47-inch LCD display offers real-time status monitoring of transmission channels, video resolution, and signal quality, enabling fast deployment and simple troubleshooting in the field.

For photographers and content creators, ASK 4 enables cable-free camera monitoring, allowing directors, clients, and production assistants to view live footage simultaneously. With support for one transmitter and up to five receivers, creative teams can easily share video feeds across multiple monitoring stations without additional distribution equipment.For AV and system integration engineers, ASK 4 offers versatile interfaces that simplify system deployment.

ASK 4 is equally suitable for integrating wireless camera signals into conference rooms, houses of worship, education environments, rental & staging applications, and hybrid production systems. Its plug-and-play UVC output eliminates the need for additional capture devices in many streaming and conferencing workflows.

Designed for mobile production, ASK 4 supports both NP-F970/550 series batteries and USB-C power input, providing maximum flexibility for indoor installations and outdoor productions alike.

ASK 4 combines professional 4K wireless transmission, multi-user monitoring, and seamless AV integration capabilities in a compact and cost-effective solution—empowering creators and engineers to build efficient, collaborative, and cable-free production workflows.





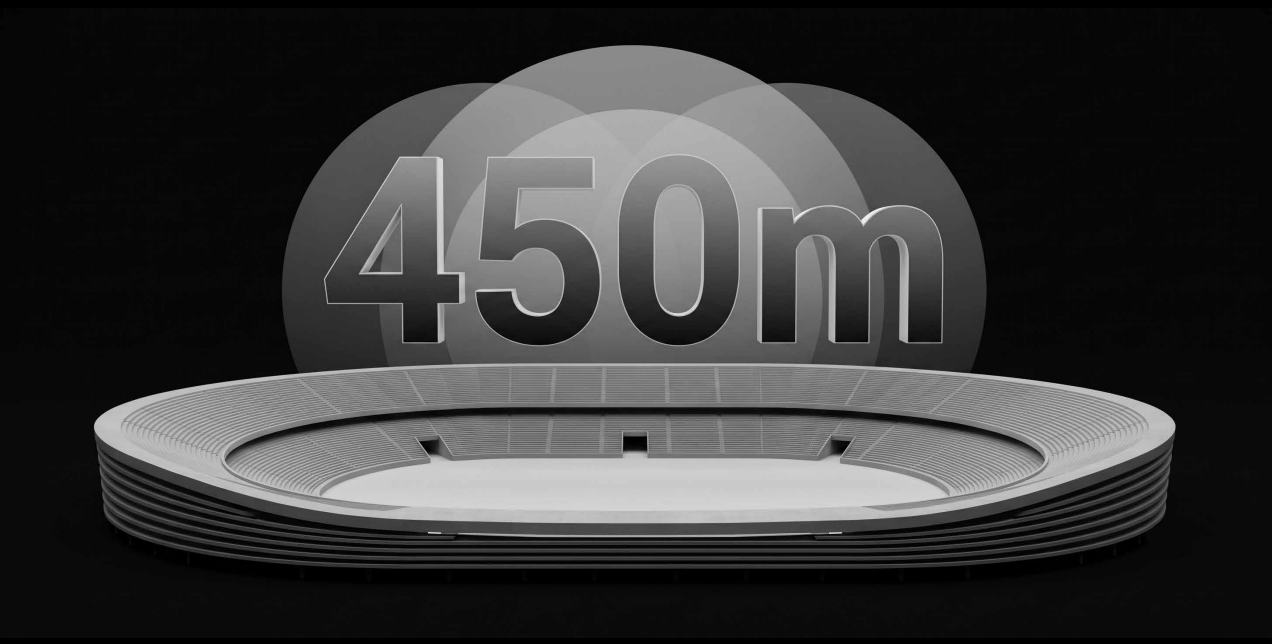
Transmission is even stronger.

Ensures stable, smooth, and high-definition transmission and monitoring, even for large-scale outdoor live productions;
Supports a 1-to-5 configuration for simultaneous multi-feed distribution, allowing multiple users to monitor without interference;
Equipped with UVC live streaming output and a dedicated 3.5mm audio port, providing an all-in-one solution for live streaming and audio expansion needs.



Ultra-long-range line of sight

Stable transmission over an ultra-long range of 450 meters with latency under 100ms—virtually imperceptible—ensuring stable, high-definition, and smooth transmission and monitoring, even when filming or live-streaming on a massive football field.



450m(max)
Distance varies with quantity.

1 Transmit, 1 Receive	1 Transmit, 3 Receive	1 Transmit, 5 Receive
450m(Max)	300m	200m

UVC Streaming

Live Streaming / Remote Monitoring

The RX unit features a Type-C port, eliminating the need for a video capture card; a single Type-C cable connects directly to a computer to transmit video, enabling quick live streaming via software or remote monitoring through conferencing applications.



Plug and play

No complex pairing setup is required; quickly establish a wireless video transmission link in just three steps. Simply connect the TX transmitter to the camera source and the RX receiver to the display device; once powered on, they automatically pair channels and transmit the video feed wirelessly within seconds. It is incredibly easy to use, allowing for rapid deployment during location shoots and live event broadcasts.



Step 1: Power the TX using the battery, then connect the HDMI IN port to the signal source (camera/TV box) using an HDMI cable.



Step 2: Power the receiver (RX) using the battery, then connect the HDMI output port to the TV/monitor using an HDMI cable.



Step 3: Wait a few seconds for automatic screen casting.

Flexible multi-band switching

RGBlink ASK 4 wireless video transmission system features an architecture with 20 selectable frequency bands. It allows users to manually select the optimal frequency to avoid signal congestion in the environment and effectively eliminate transmission latency. Both the transmitter (TX) and receiver (RX) support independent frequency adjustment, with automatic channel pairing and synchronization following any changes, ensuring a convenient and efficient setup process.



Long-lasting, stable battery life

Note: When using a power bank as the power source, be sure to use the USB-C or USB-A port.



NP-F battery (not included)

5V 2A USB-C Cable

Save frequency band upon shutdown



CH03 Current Channel
Channels 1–20 (manually selectable)

3840 x 2160P 30Hz Video Input Status
No video: No signal input
[3840 × 2160P30Hz]: backward compatible with 1080P

RX [1] Number of connectable receivers:
Supports up to 5 receivers

Green: Low interference
Yellow: Moderate interference
Red: High interference (switch channel)

NP-F Battery (Battery Status)
DC Input: USB-C Power Supply

1/4" screw hole

1/4-inch screw hole design allows for space-saving camera mounting via a cold shoe mount.



Specification

Interface	Input	TX	HDMI IN	1 × HDMI-A	
	Output	TX	HDMI LOOP OUT	1 × HDMI-A	
		RX	HDMI OUT	1 × HDMI-A	
			UVC OUT	1 × USB-C	
	Audio	TX	AUDIO Out	1 × 3.5mm Jack	
		RX	AUDIO Out	1 × 3.5mm Jack	
	Power Input	TX/RX	DC IN	1 × USB-C	
		TX/RX	Battery (not included)	1 × NP-F Battery Plate	
	Reset	TX/RX		1 × Pinhole	
Performance	Input Resolution		HDMI IN	Up to 3840×2160P@30Hz	
	Output Resolution		HDMI OUT	3840×2160P@30Hz | 1920×1080P@60Hz	
			HDMI LOOP OUT	3840×2160P@30Hz | 1920×1080P@60Hz	
			UVC OUT	USB 3.0	YUY2|MJPEG 1920×1080P@60Hz
				USB 2.0	YUY2|MJPEG 1920×1080P@30Hz
	Video Codec		H.265		
	Latency		≤0.1 s		
	Bitrate		60 Mbps		
	Wireless Frequency		5 GHz		
	Max RX per TX		5		
	Transmission Distance		1TX to 1RX	1500 ft/450 m (MAX)	
			1TX to 3RX	990 ft/300 m	
			1TX to 5RX	656 ft/200 m	
	Device Compatibility		PC/Laptop/PS4/PS5/TV Box/Camera		
Power	Input Voltage		5V2A		
	NP-F series battery runtime (battery is not included)		NP-F970 7800 Mah	TX: 12 h/RX: 13 h	
			NP-F750 4400 Mah	TX: 9 h/RX: 10 h	
			NP-F550 2600 Mah	TX: 5 h/RX: 5.5 h	
Physical	Display		1.47-inch LCD		
	Water Resistance		N/A		
	Housing Material		PC + ABS + Metal		
Dimension	Net Dimension		108.5 × 69.7 × 27.2 mm		
	Package Dimension		200 x 180 × 100 mm		
	Package Weight		990 g		

Order Codes

Product Code	Item
450-4003-01-1	ASK 4 (1TX+1RX)
450-0005-02-0	ASK 4 RX(2R)