

## RF Channel Drone Video Transmitter Extends Video HDMI LAN TTL For UAV

Our Product Introduction

### Basic Information

- Place of Origin: Shenzhen
- Brand Name: ZKMANET
- Certification: CE
- Model Number: ZKMANET2451UM
- Minimum Order Quantity: 1
- Price: 2000USD/PC
- Packaging Details: Carton
- Delivery Time: 15days
- Payment Terms: TT, L/C, D/A
- Supply Ability: 10000pcs/year



### Product Specification

- Working Temp: -40°C- +65°C
- Frequency Band: 1400-1460MHz
- RF Channel: 2T2R
- Weight: 450g
- Power Supply: 12V-24V DC
- Data Rate: Up To 82 Mbps
- Extending Interface: HDMI LAN TTL
- Network Size: 64 Nodes
- Highlight: **UAV Drone Video Transmitter,  
LAN Drone Video Transmitter,  
HDMI Drone Video Transmitter**

for more products please visit us on [zkmanet.com](http://zkmanet.com)

## Product Description

### Product Description:

The Drone Data Link is highly flexible, featuring a bandwidth of 5/10/20/40MHz that can be adjusted to meet your specific needs. It also offers a network size of up to 64 nodes, making it a suitable choice for large-scale operations. Whether you are conducting search and rescue missions or filming aerial footage, the Drone Data Link is a reliable tool that provides stable and secure data transmission.

One of the standout features of the Drone Data Link is its extending interface. The product comes with HDMI, LAN, and TTL ports that ensure compatibility with different devices, allowing you to connect your drone with ease. This data link is designed to work seamlessly with your drone video transmitter, making it a valuable addition to your drone equipment.

The Drone Data Link is built to withstand harsh environments, with an IP54 rating that protects it from dust and water. This makes it ideal for use in different weather conditions, ensuring that you can always stay connected with your drone. The product's durability and reliability make it a popular choice among drone enthusiasts and professionals alike.

In summary, the Drone Data Link is a top-of-the-line product that provides reliable and secure data transmission for your drone or UAV. Its flexibility, network size, and extending interface make it a valuable tool for commercial drone operations. Whether you are conducting search and rescue missions, filming aerial footage, or conducting industrial inspections, the Drone Data Link is the perfect solution for all your data transmission needs.

### Features:

**Product Name:** Drone Data Link

**IP Rating:** IP54

**Transmission Range:** 40-Long Distance(LOS)

**Bandwidth:** 5/10/20/40MHz

**Working Temp:** -40°C- +65°C

**Encryption:** AES

Drone Data Link is a Drone UAV SDR radio device that can be used as a Drone Detection Device. It offers a transmission range of 40-Long Distance(LOS) and comes with a bandwidth of 5/10/20/40MHz. It has an IP54 rating and can work in temperatures ranging from -40°C to +65°C. The device uses AES encryption to ensure secure communication.

### Technical Parameters:

Product Attribute	Value
Type	Data Link System
Encryption	AES
Extending Interface	HDMI LAN TTL
Transmission Range	40-Long Distance(LOS)
Size	120*90*40mm
RF Channel	2T2R
Power Supply	12V-24V DC
Frequency Band	1400-1460MHz
Output power	4w
Weight	450g

### Applications:

The ZKMANET Drone Data Link product is an ideal choice for various drone and UAV applications. The product offers an SDR radio that enables real-time data transmission from the drone to the ground station. With the Drone UAV SDR radio, the user can receive telemetry data, video feeds, and other important information from the drone, which is critical for monitoring and controlling the drone's flight.

The product is also suitable for Anti-Drone System applications. The Drone UAV SDR radio can detect and track any unauthorized drone activity in the vicinity and alert the operator. The system can also jam the drone's communication channel, preventing it from carrying out its mission. The product's IP54 rating makes it suitable for use in harsh environmental conditions, such as high humidity, dust, and extreme temperatures.

The ZKMANET Drone Data Link product is versatile and can be used in various scenarios. For example, it can be used in agriculture to monitor crops' health, irrigation, and pest control. The product can also be used in search and rescue missions, where real-time data transmission is crucial for finding survivors quickly. In addition, the product can be used in the oil and gas industry to monitor pipelines' condition and detect any leaks or damages.



## Customization:

ZKMANET offers product customization services for our Drone Data Link system, model number ZKMANET2451UM. Our data link system is designed to provide reliable and efficient drone video transmission, making it the perfect solution for commercial Drone UAV data link needs. Our product is certified with CE and has a minimum order quantity of 1 unit, priced at 2000USD/PC. The product is packaged in cartons and has a delivery time of 15 days, with TT as the payment term. Our supply ability is 10000pcs/year and the product is made in Shenzhen.

The data link system is a type of drone video transmitter that operates on a power supply of 12V-24V DC. It has an output power of 4w and a transmission range of 40-Long Distance (LOS). The bandwidth for the system is customizable to 5/10/20/40MHz to meet specific requirements.

## Support and Services:

The Drone Data Link product provides technical support and services to ensure customers have a smooth and successful experience. Our team of experts is available to assist with any technical issues or questions that may arise, including installation, configuration, and troubleshooting. In addition, we offer training and consulting services to help customers optimize their use of the product. Our goal is to ensure that our customers have the knowledge and resources they need to make the most of their investment in the Drone Data Link product.

## Packing and Shipping:

Product Packaging:

The Drone Data Link product will be shipped in a sturdy cardboard box to ensure that the product is protected during transit. The package will include the following items:

**Drone Data Link device**

**Antenna**

**Power adapter**

**User manual**

Shipping:

Our shipping partners will deliver the package to your doorstep within 3-5 business days from the date of dispatch. You will be provided with a tracking number to track your package. We offer free shipping within the United States. For international orders, additional shipping charges may apply.

## FAQ:

**Frequently Asked Questions about ZKMANET2451UM Drone Data Link:**

**Q: What is the range of ZKMANET2451UM Drone Data Link?**

**A:** The range of ZKMANET2451UM Drone Data Link is up to 10 km.

**Q: Is ZKMANET2451UM Drone Data Link certified?**

**A:** Yes, ZKMANET2451UM Drone Data Link is certified with CE.

**Q: What is the price of ZKMANET2451UM Drone Data Link?**

**A:** The price of ZKMANET2451UM Drone Data Link is 2000USD/PC.

**Q: What is the delivery time for ZKMANET2451UM Drone Data Link?**

**A:** The delivery time for ZKMANET2451UM Drone Data Link is 15 days.

**Q: What is the payment term for ZKMANET2451UM Drone Data Link?**

**A:** The payment term for ZKMANET2451UM Drone Data Link is TT.

203-B161, Block B, Garden City Digital Building, No.1079 Nanhai Avenue, Yanshan Community, Merchants  
Street, Nanshan District, Shenzhen, China