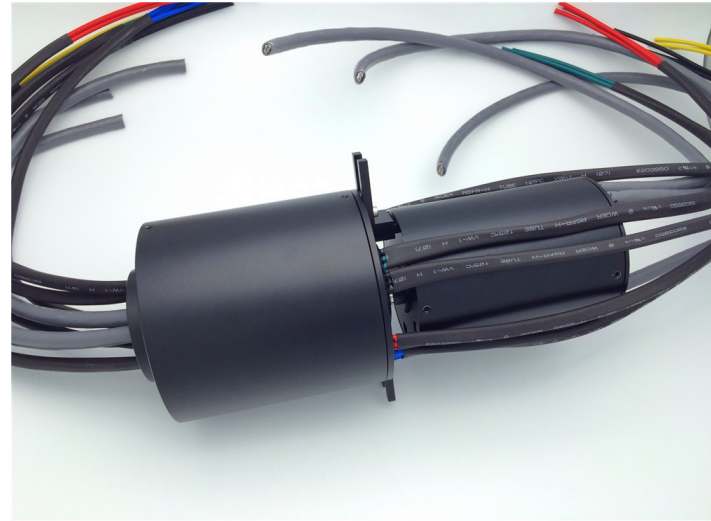


## THE-025T-20S-01E

### General Description

Ethernet slip ring is specially designed for transmitting Ethernet signal, which mainly used for high definition video motoring system. The Gigabit Ethernet slip rings of Barlin Times are designed as per international standards of Ethernet protocol, this kind of slip ring can be combined with multi-circuits for power and different signal at the same time. Barlin Times adopted CAT6 and CAT5E special cable that transmission frequency could be up to 250MHz, also transmission rate can reach 1Gbps. Our Ethernet slip ring enjoys features of reliable and stable performance, no packet loss, no string yards and very low noise etc. According to special requirements of monitoring device, the end user can choose suitable installation method and size--capsule type slip ring or through hole type slip ring with flange or through hole mounting are optional.



### Features:

1. Could be combine with power and signal channels together, also transfer other multi-circuits with various analog and digital signal
2. Through hole size could be up to 100mm, circuits could reach 60 rings
3. Capsule type and through hole type slip ring are available as per space demand
4. Reliable signal transmission, no packet loss, no string yards and very low noise etc
5. Transmission rate could be up to 1Gbps, maintenance free and longer life time
6. Compatible with data bus protocols

### Option:

1. Circuits, current and voltage
2. Work speed
3. Lead wire length
4. Installation method and lead wire exit direction
5. Housing materials and contact materials
6. OD, ID and length
7. Connector is optional

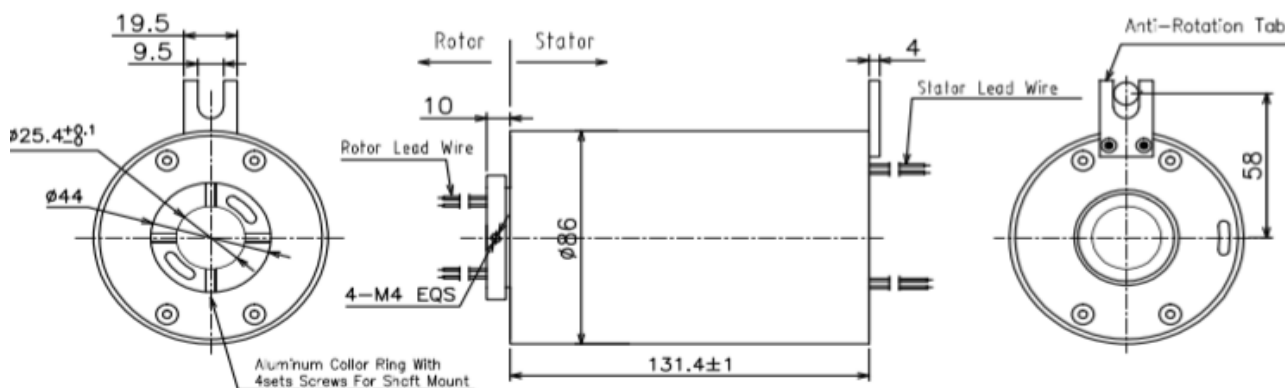
### Application

HD video monitoring system.

## Specification:

Specification	
Ethernet Channels	1
Circuits & Current	20 Circuits @ signal
Dimension	25*86*131mm(ID*OD*L)
Ethernet Type	1000M/bps
Connector Type	RJ45
Work Speed	0-300rpm
Work Temperature	-20°C + 80°C
Work Humidity	60%RH or higher
Voltage Rating	380VAC
Insulation Resistance	500MΩ@500VDC
Contact Materials	Silver to silver
Lead Wire Size	AWG22 Teflon® UL
Lead Wire Length	300mm
Housing Materials	Aluminum Alloy
Protection	IP54 or higher

## Drawing:



If you have specific customized requirement, please feel free to consult us so that our sales engineer could recommend the most suitable product to you for you reference.