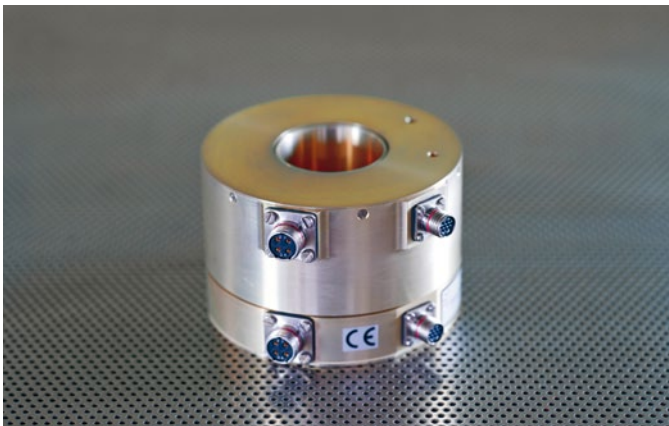


Slip Ring for Surveillance Systems

Slip ring assembly capable of transmitting gigabit ethernet signals with a high quality data integrity. With a light weight design, RUAG slip rings are reliable in the most difficult environments.

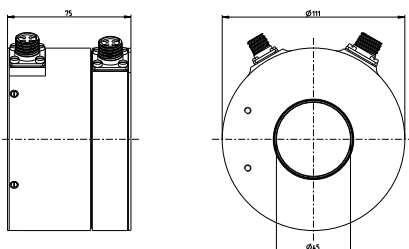


Benefits

- Gold on Gold contact to assure maximum reliability
- Impedance adapted design to optimize the data integrity after passing through the slip ring
- IP 65 sealing to assure performance in harsh environments

Key Features

- 1000 base-T / Gigabit Ethernet compliant
- Modular design to optimize customer requirements
- Naval, airborne and ground applications
- Mil-Std compliant
- Designed to minimize micro interruptions
- High speed communication protocols (HD SDI, Rocket I/O, SVDI, RS-422, etc)
- High reliability at extreme conditions



Technical Data

Number of rings	10
Signal rings	8 (1 Gigabit Ethernet Link)
Power tracks	2 @ 10 A (24 V)
Operating speed	20 rpm
Operating Temp	-30 °C to 50 °C
Weight	0.8 Kg
Environmental protection	IP 65

Application

In modern battle field new technologies for 360° surveillance require a slip ring capable of transmitting the new high speed communication protocols. RUAG Space slip rings are a cost effective and highly reliable solution that can be integrated easily into portable units and small size military surveillance and weapon stations.

The system is designed to optimize the quality of the signal and the bit error rate BER while minimizing the micro interruptions.

Typical electrical performance

