

FCC ID: HLHBISS300

Operational description of the Balluff Identification Systems BIS S Series

The ID controller is the communications gateway between the host and the ID tag. The host sends a command to read or write information that is stored on the ID tag. The information that is read from or written to the ID tag is performed without physical contact with the processor. It is accomplished by the ID antenna that is connected to the ID controller. The ID tag receives the energy it needs to perform its operation from the ID antenna thru inductive coupling.

The system is made up of three parts.

1. ID Controller (processor), BIS S-401-30
2. ID Antenna (sensor head), BIS S-300A/B
3. ID Tag (code tag), BIS S-108-30