

# EndoGear®

## Accessories



The multiplexer is an optional piece of equipment that works in conjunction with a single Base Station and multiple Transceivers to allow for sequential monitoring of a distributed animal housing environment. Using the EGUI Control Hub, the Base Station sends commands to each transceiver connected to the multiplexer in a sequential order with only one implant active at a time.

Multiplexer	
Family Model Number	EGMUX
Number of Transceivers	16
Inputs	RJ45 from Base Station
Outputs	16 RJ45 ports each for an individual Transceiver, EXT Rj45 to attach a second Multiplexer
Power	Power is provided from the Base Station attachment
Dimensions	165 mm x 188 mm x 65 mm (LWH)

The Surgical Power Supply (SWPS) is used to provide power during surgical implantation to Inductive power equipped Implants. With a small form factor and designed to be fully sterilizable, the SWPS can be conveniently used without disrupting workflow.

Surgical Wireless Power Supply	
Family Model Number	EG-sWPS
Dimensions	80 mm x 80 mm x 20 mm (LWH)
Power Transfer Method	Inductive Power Transfer
Power Supply	5 V, 3 W
Power Supply Coil	Custom inductive coil, fully sterilizable
Coil Materials	Biocompatible silicone, Biocompatible complex polymers
Coil Dimensions	40 mm x 40 mm x 12 mm
Coil Weight	18 g
Cable Length	1 m



*The SWPS indicates to the user via red LEDs when power transfer is less than ideal or when interference is high. In normal operation, the SWPS lights up blue.*



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