

27 REEL MOVEMENT SENSING (27RMS)

This product comprises 3 core parts, all working together to provide a complete system solution for controlling SHG Reel Mechanisms

- 27RMS is the latest version of SHG reel mechanism (version 27, Reel Movement Sensing)
- isocket is a windows based software application that manages and controls reels.
- IRDRGB is an interface pcb between reels and host platform.

27RMS

- 225mm diameter transparent basket
- Available in 3 widths; 63mm, 79.5mm and 88.5mm
- Zinc plated steel frame
- 22 symbol encoder
- 3 symbol RGB and white LED backlight
- 24v 200 step constant current motor driver with I2C serial interface
- 3200 micro-steps per revolution
- Multiple speeds available up to 150rpm, each with different ramps for slow, medium and fast acceleration

isocket Software Application

- Includes User interface for development and platform integration
- User friendly instruction set
- All motor management is controlled by the isocket, including stall detection during spin, movement detection at standstill, spin control, symbol detection and ramp profiles
- Up to 10 reels of different types can be driven simultaneously e.g. different widths, speeds, direction, ramp, variable symbol type, variable symbol sizes
- Micro-adjustable pay line, for accurate alignment to cabinet glass

IRDRGB interface pcb

- USB or RS232 connection to host platform
- 8 x I2C serial interfaces to reel motors and backlights
- Opto-coupled encoder inputs

