

R60i Series PROTRACK DESKTOP TRACKERBALL

Specifications

Mechanical

Weight	650gms
Ball	Thermoset Phenolic or Polyester, 63mm, 2_ "
Tracking Force	15gms Nominal continuous – no seal (IP40)
Ball Load	200N Maximum downward pressure (20Kg) @ 20°C
Ball Rotation	Continuous and reversible – any direction
Ball Speed	200 RPM maximum
Housing Material	ABS
Transducers	Photo-optical encoders with LED's
Mounting Position	Horizontal to 30°

Electrical

Standard Output Connector	2m screened lead to PS/2 6 way Mini DIN
Converter	PS/2 to converter block to RS232
Resolution (Quadrature)	440 pulses per ball revolution (other options available upon request)
Switches	3 switch support - Left, Middle, Right
Supply Voltage	5 V DC +/- 5%
Supply Current	Protocol format 10ma typical
Optional Backlight	+5 V DC, 100ma

Environmental

Operating Temperature	0°C to +70°C
Storage Temperature	-25°C to +85 °C
Humidity	30% min, 95% max, non-condensing
Vibration	5 G, 2-5Khz any plane
Shock	100Gs - duration 11ms
Lifetime	>10 million ball revolutions