

QRS-1

QUIET RAIL SYSTEM

BROADCAST



UNIVERSAL CONNECTION
WORKS WITH ANY ROBOTIC HEAD

UP TO 12 METRES
FAST MOVEMENT FOR
CAMERAS UP TO 20KG

MULTIPLE MOUNTING OPTIONS
FLOOR, CEILING OR WALL

The QRS-1 quiet rail system is a cost-effective, modular track designed for studio, event and mixed production environments. It offers an ideal solution for customers looking for either fixed or portable setups and works equally as well with an MRMC robotic head or third party PTZ. A variety of options for mounting are available, including floor, ceiling and wall, plus an encoded option with FreeD output capabilities.



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MARK ROBERTS MOTION CONTROL

QRS-1 SPECIFICATIONS

EXTREMELY QUIET
OPERATION



MODULAR
DESIGN



DATUM MAGNET
COORDINATION



MHC AND FLAIR
COMPATIBLE



MANUAL OR
ALGORITHMIC
CONTROL

FAST & SMOOTH MOTION

The QRS-1 tube rail is ideal for use in professional studios, broadcast and corporate environments, plus for live events and streaming productions, enabling smooth camera motion and bringing great visual interest to your shots.

It features fast operation – even with heavier PTZ cameras – and has a number of different mounting options for ultimate flexibility.

The rail also works with MRMC's AFC robotic head and box camera for more demanding broadcast applications.



SPECIFICATIONS

Maximum payload	20kg
Nominal load	5kg
Maximum width of feet	400mm
Range of feet adjustment	20mm
Operating voltage	Motor 12v / Uni box 24v
Temperature range	0-40°C
Humidity tolerance	RH non-condensing 0-85%

PERFORMANCE

Maximum speed	40cm/s
Maximum acceleration/deceleration	40cm/s ²
Bidirectional repeatability	<4mm
Noise level	<42dB
Communication interface	Ethernet MRC protocol
Rail range of motion	Subject to length in sections (1.2m - 2m, 3m and multiples thereof)



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