



Next Generation Rail Camera System

SmartRail is the next generation of rail camera systems bringing unparalleled levels of performance to any application where track systems are required. As always, the Shotoku system provides full flexibility when it comes to studio design and camera movement. Floor or ceiling, short or long elevation ranges, straight or complex curves - SmartRail provides a perfect solution.

Regardless of the mounting arrangement of the track in the ceiling or on the floor, the system supports a range of elevation (or descending) height columns. From the cost-effective Hybrid column for floor mounted systems to the advanced three-stage, extra-long extension, descender each height column provides full on-air movement across a wide range of travel.

Combined with Shotoku's intuitive TR-T control system and the TG-18 or TG-27 P&T head, SmartRail provides totally integrated, highly accurate, motion control in all axes.

Tracks may be created from individual straight, or 45° curve, sections into any shape required. Curves are available with as little as 2m outside radius, enabling even the tightest turns to be achieved.



SmartRail with Hybrid Column



APPLICATIONS



News, Sports & Current Affairs

Floor or Ceiling Mounted

As the camera's exact path across the floor is permanently and precisely defined by the track, production designers can bring the cameras right into the set itself - achieving creative camera angles not possible with manual or traditional robotic cameras.

SmartRail is compatible with the TG-27 or TG-18 PT heads enabling standard camera, lens, prompter and talent monitor payloads up to 17kg (34lb) or 56kg (120lb) to be used without restriction.

In ceiling mounted configurations the PT head may mount directly on the SmartRail dolly for fixed height operation, or the elevator column can be used to include up/down control in addition to track.

FEATURES

- Floor or ceiling mounted operation
- Range of elevation / descending columns
- High payload for full broadcast configurations
- Straight or curved track sections.
- 40 or 62cm (16" / 24") Track width
- No-drift, permanent reference dolly positioning
- LED indication bar for operating status
- Fully VR/AR compatible

SPECIFICATIONS

Controls	Fully integrated PTZFXH Unlimited preset shots (TR-T control) Smooth key-frame motion control
Track	Precision engineered for perfect motion Floor or ceiling mounted Straight or 45° curve sections Various curve radius options
Dolly	8 position, 90° orientation dual-wheel pairs Track-end drive system - no-drift positioning
Height	Optional 2- or 3-Stage Elevator/Descender Hybrid: 620 - 1370mm (2' 0" - 4' 6") (Floor only) S : 750 - 1250mm (2' 5" - 4' 1") M : 900 - 1700mm (2' 11" - 5' 7") L : 1090 - 2550mm (3' 7" - 8' 4") (Height refers to column range)