



Four camera SmartRail system including a two-dolly track



Ceiling mounted SmartRail, with TG-27 and elevation column

## New Heights for Rail Camera Systems

SmartRail combines Shotoku remote camera control systems with advanced track-based systems from track specialist MAT, based in Germany. The MAT-LIZARD® dolly and MAT-TOWERCAM® have been used on high profile film and live TV events for many years. Shotoku's well established remote camera systems integrate seamlessly with the MAT system to provide a unique perspective on any live, multi-camera, studio production.

SmartRail is available in various configurations for floor or ceiling mounting. The exceptional capabilities of the MAT-TOWERCAM® elevator make it possible to raise cameras to new heights while retaining stability and smoothness of on-air control. Elevation control works upright (floor-tracks) or inverted (ceiling-tracks) to allow maximum creativity in live camera motion.

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.

## 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-18 PT head enabling standard camera, lens, prompter and talent monitor payloads up to 56kg (123lb) 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

- High payload for full broadcast configurations.
- Floor or ceiling mounted rails.
- High elevation MAT-TOWERCAM® column.
- Straight or curved track sections.
- 40 or 62cm (16" / 24") Track width
- Precise, no-drift MAT-LIZARD® dolly positioning.
- Range of height columns for unique camera angles
- Integrated cable management.

## □ 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 Integrated cable management
Dolly	8 position, 90° orientation dual-wheel pairs Track-end or on-board drive systems
Height	Optional MAT-TOWERCAM XS® elevator S :750 - 1250mm (2' 5" - 4' 1") M :900 - 1700mm (2' 11" - 5' 7") (Height refers to column range)