

SmartTrack systems provide unobstructed viewing of activities and assets in large facilities. SmartTrack has reduced shrinkage and improved security and safety in retail, industrial and institutional facilities worldwide.

ADVANCED TECHNOLOGY

Introducing the world's most advanced, reliable and fastest traveling CCTV surveillance system. SmartTrack is configured with two fully programmable PTZ cameras mounted on a carriage that glides along a ceiling mounted track. The system travels at speeds up to 13 ft. (4 meters) per second and provides 360° unobstructed views to eliminate blind spots. Sophisticated software instructs the camera carriage to follow a pre-programmed tour. In addition, programmable inputs, such as door contacts and motion sensors, can instruct the carriage to travel to a fixed point, automatically. SmartTrack offers single dome or dual dome full function pan, tilt, and zoom features even in programmed tour mode. A flick of the joystick transfers control back to the operator to observe events as required. Cameras are hidden from view inside a mirrored or tinted enclosure.

FEATURES INCLUDE:

- One or two camera pods provide views of your facility with 360° pan, 110° tilt and up to 176X zoom capability
- Six tours and up to 60 presets per camera allow programmable viewing and recording with or without operator assistance
- Variable pan, tilt and lateral control allows the operator to respond quickly to potential problem situations at speeds of up to 13 feet (4 meters) per second
- Light weight carriage design and brushless drive motors make the carriage quick, quiet and reliable
- New SentryVision® SmartTrack carriage, cameras and electronics can be retrofitted to existing SentryVision® tracks
- Digital graphics provide on-screen diagnostics, software upload, and identify the location of the carriage on the track

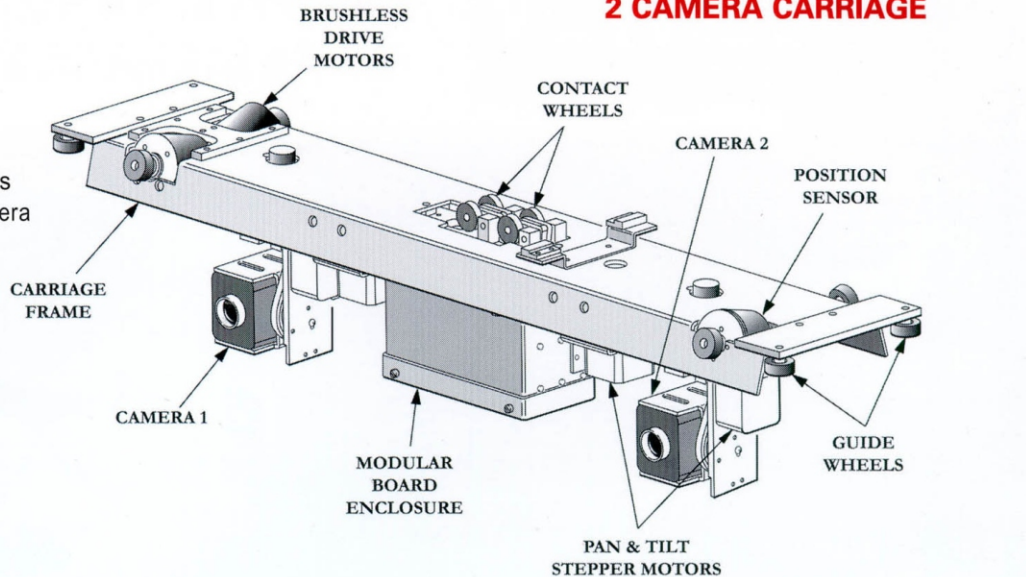
SmartTrack Specifications

TRAVELING CARRIAGE

- **Motion** – Travels at variable speeds up to 13 feet (4 meters) per second and traverses distances up to 500 feet (154 meters). The camera carriage can be operator programmed for low, medium and high speeds. On-screen graphics and text names identify the exact location of the camera carriage, its speed, distance traveled and department location, as well as, displaying system diagnostics.
- **Manual** – The system operator has control of the SmartTrack carriage lateral movement and all PTZ functions through a joystick controller. In addition, the operator can manually program preset positions and tours using the same controller or its own computer interface software.
- **Presets** – Allows programming of up to 60 camera presets for operator use. The presets are programmed through the easy to use joystick controller.
- **Tours** – Stores up to six tours with 64 stops per tour. This allows increased operator flexibility to patrol "hotspots" even during unmanned hours. The duration of each stop is adjustable, ranging from 3 seconds to 3 hours.
- **Alarms** – Can be pre-programmed to respond to alarm situations such as door contacts, motion and glass break sensors, access control readers and burglary/fire inputs. When responding to an alarm, the carriage will robotically move at high speed to the predetermined locations providing exact camera angles and zoom ratios.

CAMERAS

- **Resolution** – The standard SmartTrack carriage is configured with one or two high-resolution (450 lines) 1/4" CCD color



cameras with auto focus. The cameras have digital slow shutters requiring minimum illumination of only .1 lux. The carriage is configured with one or two domes.

- **Pan** – Cameras rotate 360 degrees at variable speeds of 135 degrees per second. Stepper motors allow movement in increments as fine as .001 degree for complete viewing control.
- **Tilt** – Cameras tilt 110 degrees at variable speeds up to 70 degrees per second. Stepper motors allow tracking in increments as fine as .002 degrees.
- **Zoom** – Cameras feature an auto focus zoom lens with 18x or 22x optical and 8x digital for a total of 176x zoom capability. This provides extremely detailed viewing in even the largest facilities.

TRACK WITH ENCLOSURE

- Aluminum track extrusion in 12-foot (4 meter) sections
- Two copper conductors carry video, data & power
- Mirrored or tinted polycarbonate enclosure

- All mounting hardware included
- RF adapter and terminator boards at opposite ends of track
- Track dimensions with Enclosure:
12'(L) X 8.5" (W) X 10" (H)
4 meters (L) X 21cm (W) X 25cm (H)
- Track weight: 40lbs. (18 kg.) per section

ELECTRICAL AND CONTROL

- Requires 110/220 VAC Power 50/60 Hz
- Power Box with switching power supply
- Remote reset capability
- Control Mode – RS 232/422/485
- Controller – Kalatel, Pelco, Ultrak, Vicom, and others
- Presets – 60 PTZ and 64 lateral
- Demodulator with 2 channel modulated RF input and 2 composite video outputs

REGULATORY AND ENVIRONMENTAL

- ETL approval, safety certification to ANSI/UL 60950
- CETL approval CAN / CSA C 22.2 # 60950
- CE low voltage directive compliance
- Operating Temperature Range: 14° to 104° F (-10 °C to 40 °C)



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