



Travel your business!™

ROBOTIC MOBILE SURVEILLANCE

- *HD/IP video on a rail*
- *Turns corners*
- *Travels a complete loop*
- *Eliminates blind spots*
- *Camera travels up to 20 ft/sec*
- *Manage out of stock positions*
- *Audit product pricing, end caps and signage*
- *Ensure compliance with operational procedures*
- *Ideal for remote visual merchandising management*



VideoRailway™ – A True Innovation in Robotic Mobile Surveillance



Robotic Traveling Video

VideoRailway™ is an exciting new design that takes traveling video to an entirely new level. The system features an HD/IP camera that travels along straight, curved and continuous loop rail segments.

OperationalVideo™ Software

VideoRailway software controls carriage speed and location, PTZ operations, presets, tours and alarms. VR is also designed to optimize the performance of our OperationalVideo software system. OperationalVideo uses the VideoRailway pinpoint angles and HD camera quality to audit store operations, product pricing and merchandise displays.

Retailers are demanding more functionality from video system investments. Operational - Video meets the challenge by performing on-line merchandising audits without the cost of travel. Exception reports direct managers to the store, department, shelf and product location for immediate action, ensuring stock positions are always maintained.

Traveling Video Advantages

Conventional IP video solutions require 100's of cameras, with network crashing bandwidth to achieve the angles needed for store-wide merchandise audits. With a single, traveling, HD camera that views ends caps, in-aisle and specialty displays, VideoRailway delivers results at the lowest possible cost. The mobile VR reference point also sees around hanging signs and fixtures that block views from conventional fixed position cameras.

As retailers move to service their growing web-based businesses with modern fulfilment centres, VideoRailway delivers there too. A typical centre with several hundred aisles can be protected with a single rail.

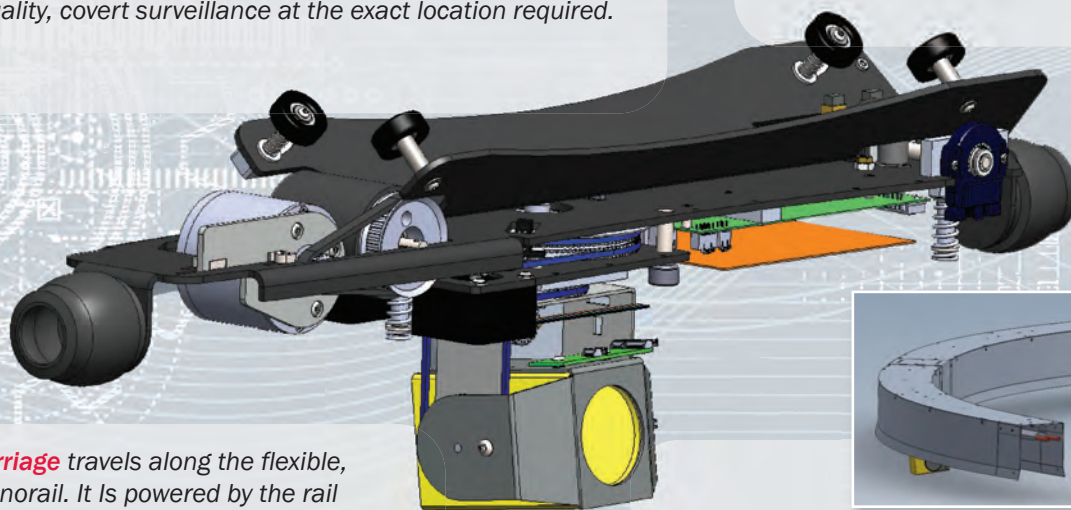


VideoRailway patrols from a central vantage point, covering the entire facility at an affordable price.

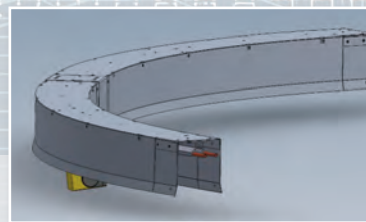


Straight Rail Enclosure A monorail is attached to a light weight aluminum enclosure that houses and protects the camera. Enclosures are joined together and suspended from a ceiling. A continuous roll of mirrored polyethylene film is clipped to the bottom edge of the enclosure to obscure the location of the camera carriage from below, while allowing in sufficient light for optimal camera performance. The result is quality, covert surveillance at the exact location required.

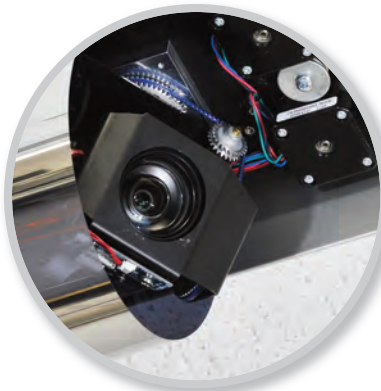
Rail The monorail includes copper conductors that transmit power, data and video. The camera carriage rolls along the 45° surfaces located on either side of the rail. Upward pressure positions a drive wheel to power the carriage along the lower surface. The unique design ensures smooth camera travel both on straight and curved rail segments.



Carriage travels along the flexible, monorail. It is powered by the rail and does not use pulleys or cables for lateral travel. A full function PTZ camera is managed by on board electronics with optional IP, HD and Standard Definition configurations. The VideoRailway carriage is controlled locally using industry standard video controllers and over networks.



Curves Curved 45° rail enclosures are combined with straight segments to create left or right curves. Joining 45° enclosures end to end, form 90°, 135° and 180° turns. A combination of curved and straight segments can create a "U" configuration as well as a completely closed loop. By turning corners, a single camera views a much larger area with minimal additional expense.



**Sentry Technology Corp. –
The world's leading
manufacturer of traveling
CCTV solutions.**

We introduced our first traveling video system in 1997. Beginning in 2001, the company launched SmartTrack™ featuring two programmable PTZ's. Thousands of SmartTrack systems have been installed worldwide, serving leading retailers, distribution hubs, couriers and public transportation facilities. Our customers are many of the world's largest and most prestigious companies including ASDA, Auchan, Bauhaus, Boots, Carrefour, Cencosud, FedEx, King Fisher, Kmart, Kohl's, Mexico City Metro, Neiman Marcus, and Wal-Mart.



Corporate Headquarters

Sentry Technology Corporation
1881 Lakeland Avenue
Ronkonkoma, NY 11779
Toll-free: 1 (800) 645-4224
Tel: (631) 739-2000
Fax: (631) 739-2124
e-mail: sentry@sentrytechnology.com

Sales Office

Sentry Technology Canada
17 Ruggles Avenue, Unit #6
Thornhill, Ontario L3T 3S4
Toll-free: 1 (800) 461-2803
Tel: (416) 674-4788
Fax: (416) 674-5075
e-mail: sales@sentrytechnology.com

Customer Service

1881 Lakeland Avenue
Ronkonkoma, NY 11779
Toll-free: 1 (800) 645-7217
Tel: (631) 739-2000 x2
Fax: (631) 739-2124

VideoRailway™ specifications

Camera	HDCC	HDPC	SDCC-N/P
720p 1/2.8 Inch CMOS Sensor	✓	✓	
480i 1/4 Inch CCD			✓
Light Sensitivity	0.5lx	0.5lx	0.7lx

Camera Controls

IP – Computer	✓	✓	✓
Conventional CCTV Integration	✓ ¹		✓

System Features

Variable speed travel up to 20 ft (6 meters) per sec.	✓	✓	✓
Auto Patrol Speeds	5	variable	5
On-screen graphics and text names	✓	✓	✓
On-screen carriage position identifier	✓	✓	✓
Remote System Diagnostics	✓	✓	✓
Joystick control of lateral camera travel and PTZ function	✓		✓
Computer Control of lateral camera travel and PTZ function		✓	
Presets – 60 operator programmed presets	✓	✓	✓
Tours – up to 6 tours w/ 64 stops per tour and variable dwell time per stop	✓	✓	✓
Alarm inputs (door contact, motion sensor etc) linked to hot spots	✓		✓
Pan – 360°, variable speed up to 135° per sec	✓	✓	✓
Tilt – 200°, variable speed up to 70° per sec	✓	✓	✓
Zoom – Auto Focus Zoom with 20X optical, 8x digital = 160x zoom capability ²	✓	✓	
Zoom – Auto Focus Zoom with 18X optical, 8x digital = 160x zoom capability ³			✓
Remote Software Upgrades	✓	✓	✓
Control Protocols – Pelco, GE, Bosch, AD, 360 Vision, Diamond etc.	✓		✓
Control Interfaces (RS232, RS422, RS485)	✓		✓

IP Video Specifications

Video compression	H.264 / MPEG-4		
Resolution	1280x720	1280x720	640x480
Frame rate		30 fps	
Video Streaming		RTP	
Supported Protocols		RTSP	

Mechanical Specifications

Camera Carriage (LxWxH)	24"x5"x8.5" [61cm x 12.7cm x 21.6cm]
Camera Carriage Weight	8lbs [3.6kg]
Complete Rail Section – w/window (LxWxH)	96"x5.5"x9.25" [244cm x 14cm x 23.5cm]
Complete Rail Section Weight	12.2lbs [5.5kg]
Complete 45° Curve – w/window (W&H same as Complete Rail Section)	Length – 60" [152cm] Radius – 72" [183cm]
Complete 45° Curve Weight	7lbs [3.15kg]
Enclosure Finish – Standard	Aluminum
Enclosure Finish – Optional with additional charge	Any ICC 15076-1:2010 Color

¹ Requires High Definition Display

² Optional 30X Optical Zoom for HDCC and HDPC

³ Optional 36X Optical Zoom for SDCC-N and SDCC-P

HDCC HD video / Conventional Controller

HDPC HD video / PC controller

SDCC-N/P Standard Definition video / Convention Controller NTSC/PAL