

# High Definition Remote Cameras

Traffic coverage is big business. Every market in the country has competitive traffic and weather coverage reporting and here is your opportunity to provide your viewers with live broadcast-quality video coverage at an affordable price.

As innovators in the remote camera market we anticipate marketplace needs, evidenced by our pioneering the design and installation of the Skycam system. We know station needs vary from market to market so we designed a multi-format (SD/HD) remote-controlled traffic and weather camera system that suits your budgetary and technical requirements.



Times Square, NYC

## Introducing...

### The TMS-3000 1080i/720p Camera System

#### Features

HDTV 1/3 inch 1.3 Megapixel CMOS Sensors
Smearless Images
Compact
Reduced Power Consumption
Digital Signal Processing Technology
Gamma
Knee
Masking
DTL
Multi-format 1080i/720p

DSI camera systems are all-inclusive and come with our cutting edge slave unit, pan/tilt head, enclosure, window washer, camera, lens and all cabling.

The future is now and the new TMS-3000 is a top-of-the-line high-definition traffic camera that is available today. The only outdoor rated HD camera to feature 2/3" 1-mega-pixel IT-CCD. Diverse digital signal processing produces excellent picture quality and functionality. With a built-in 14-Bit A/D converter, your images are clear and sharp even when capturing in dark or bright locations. Paired with DSI's new UCS-1000 Universal Camera Controller, the TMS-3000 delivers your high-def picture with ease.

The TMS-3000 camera system delivers your video in either SD or HD format. Armed with SD switchable aspect ratio and HD, you can take this camera system from *today into tomorrow* with a simple flip of a switch.

Optional service & maintenance contracts are available.

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## Camera Specifications

Scan Format	HDTV 1080i 59.94/50 or 720p 59.94/50
Imaging Device	1/3 inch 1.3 million pixels CMOS
Total Pixels	1312 (Horizontal) x 1032 (Vertical)
Effective Pixels	1280 (Horizontal) x 720 (Vertical)
Synchronization	Internal / External (Tri-level sync)
Lens Mount	C mount (Flange back: 17.526 mm in air)
Horizontal Resolution	720 TV Line
Sensitivity	2000 lx / F5.6
S/N	50 dB Typ (HD-SDI output decord, Y-channel, bandwidth: 30MHz)
High gain	0, +3, +6, +9, +12, +15, +18dB
Shutter	1/100, 1/125, 1/250, 1/500, 1/1000, 1/2000 sec
Lock Scan	1/62 to 1/1985
HD-SDI Output	1 system: SMPTE292M 1.5Gbps
Analog Output	1system (D-sub15pin) : Component (Switchable RGB, YPbPr) Y, G 1.0 Vp-p/75 Ω Pb, Pr, R, B 0.7 Vp-p/75 Ω
Power Supply	12 V DC (10.8 V to 14 V)
Power Consumption	Approx. 9 W
Dimensions	65(W) x 65(H) x 130(D) mm
Mass	Approx. 600 g (Except lens)
Operation Temperature	-10 to +40 °C
Connector	HD-SDI output (BNC, 75Ω)x1, D-sub15 pin (Analog output, external 3-level sync) x1 Lens control, Serial cotrol DC power supply input

## System Includes

- Camera & Lens
- Enclosure
- Pan/Tilt Head
- All Cables
- Slave Unit
- Window Washer Unit
- Installation\*
- Maintenance/Service\*



Traffic



Sports Venues

## Camera Dimensions

