

# SAFETY & EMERGENCY

Making your emergency communications even more robust. Real time eyes in the sky to protect your organization.



## 4G/LTE completely wireless and solar

### SPECIFICATION

- **4G/LTE Wirefree Solution:** TS&L's 4G allows users to setup surveillance devices to be added to their blue light towers or any location through 4G/LTE. We now can give you real-time "eyes in the sky," all the while being completely wireless and solar.
- **Capture More Details with 25x Optical Zoom:** The 25x optical zoom lens will leverage the zoom status of the camera according to the distance of a moving object, day and night. The camera is equipped with a 1/2.8" Sony Starvis Sensor and delivers 1080p@60fps in H.264/H.265.
- **Remote Live View & Playback:** Use our proprietary smartphone app and desktop software to watch live video and playback from your 24/7 recordings remotely. The PTZ camera also supports TF card extension and massive storage of 256GB, which users can select to put on for device-end video storage.
- **Outdoor Monitoring & Two-way Audio:** Outfitted with industrial-level waterproof shell to tackle extreme weathers, this model is two-way speaking with the capacity of talking to the person at the camera's end through Guarding Vision app.

### OUR FEATURES

Pan tilt zoom with 360 degrees endless horizontal rotation, 10 degrees upward tilt and 90 degrees downward movement. Long range infrared LED night vision up to 1000ft (IEC-60825-1 approved)

### 4G FREQUENCY BAN

North America: LTE-FDD: B2/B4/B5/B12/B13/B14/B66/B71  
WCDMA: B2/B4/B5

### SPECIFICATION

- **Motion Detection** - Detect moving object
- **Intrusion Detection** - Detect trespassing object in a preset zone.  
Sample application: private home yard, restricted area for personnel in airport, factory, and object left
- **Other facilities** - Detect objects left in the preset zone. Sample application: airport luggage claim
- **Head Count** - Count the number of real-time people entered and exited Sample application: traffic evaluation for business
- **Face Capture** - Capture and store human faces captured by the camera Sample application: important data if there is any potential critical activities / data resources for future facial recognition analysis for police
- **Line Cross Detection** - Detect any object crossing a line Sample application: cameras facing the gate to detect every entry
- **Object Removal** - Detect any type of object removal in a preset zone  
Sample application: museum and art exhibit.
- 1080P@60FPS, 3D Noise Reduction
- 25x Optical Zoom, 5.2mm-130mm
- 360°Pan & -15~90° Tilt, Privacy Mask, 3D Positioning
- Firefox/Chrome (in both Mac & Win) without plugin
- 120db WDR, Starlight Low Light Illumination
- Aperture Auto/Manual, Aperture Range: F1.5~F3.8
- Shutter Auto/Manual, Shutter Range: 1~1/100000s
- Built-in 4G LTE Module
- Support Micro SD storage, up to 256GB
- Customized Text & Image On-Screen-Display
- Scheduled/Timed/Event/Preset Capture
- H.265/H.264/MJPEG, Built-in Mic & Speaker(2-WayAudio)
- Self-Adaptive Switchable Tri-stream
- Smart IR, Up to 300m (1000ft) IR distance
- P2P Cloud (Guard viewer)
- Dimension 185(mm) x 316.5(mm)
- Net Weight 4.6kg(10.14lb)
- Wide temperature range: -35°C ~ 60°C (-31°F ~ 140°F)



# 4MP 24/7 Night ColorVu AI Smart IP Turret Dome Camera

with Active Deterrence Strobe Light and Audio Alarm. TS&L brings our fixed HD AI Smart IP Cameras + Wireless + Solar Camera.

## OUTSTANDING FEATURES

- High quality imaging with 4 MP resolution
- 24/7 Night ColorVu with F1.0 large aperture and advanced sensor
- Efficient H.265+ compression technology
- Clear imaging against strong backlight due to 130 dB WDR technology
- AI Smart feature with human and vehicle targets classification based on deep learning
- Active deterrence with strobe light and audio alarm
- Two-way talk with built-in microphone

## SPECIFICATIONS

### Camera

- Image Sensor: 1/1.8" Progressive Scan CMOS
- Max. Resolution : 2688 × 1520
- Min. Illumination : Color: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0 Lux with white light
- Shutter Time : 1/3 s to 1/100,000 s
- Angle Adjustment: Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°

### Video

- Main Stream: 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
- Sub-Stream: 60 Hz: 30 fps (640 × 480, 640 × 360)
- Third Stream: 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)
- Video Compression: Main stream: H.265/H.264/H.265+/H.264+
- Sub-stream: H.265/H.264/MJPEG; Third stream: H.265/H.264
- Video Bit Rate: 32 Kbps to 8 Mbps
- H.264 Type: Baseline Profile/Main Profile/High Profile
- H.265 Type: Main Profile
- Bit Rate Control: CBR/VBR
- Scalable Video Coding (SVC): H.264 and H.265 encoding
- Region Of Interest (ROI): 1 fixed region for main stream and sub-stream

### Audio

- Audio input: Built-In Microphone; 1x Line input
- Audio output: Built-in Speaker; 1x Line output
- Audio Compression: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC
- Environment Noise Filtering: Yes Image
- Image Parameters Switch: Yes
- Image Settings : Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
- Day/Night Switch : Auto, Schedule
- Wide Dynamic Range (WDR) : 130 dB
- Image Enhancement : BLC, HLC, 3D DNR; SNR : ≥ 52 dB

