# Full HD 1080p (2Mpix)
# outdoor speed PTZ dome camera

LTV-ISDNO20W-AM2



- Optical 20X, Digital 8X Selectable
- Full Frame at HD1080p, Two way Audio
- Video Compression: H.264, MJPEG (Dual Stream)
- Day & Night (IR Cut Filter), DSS
- ONVIF Support
- Embedded Intelligent Video Analytics
- Burnt-in Text, Video Motion Detection Suppot
- Comprehensive SDK Support
- Stealth Spin® (World Most Silent Speed Dome)
- 0.1° Dome System Accuracy
- Controlling Pan/Tilt Speed While Zooming

## Video Content Analysis (included as Standard)

| | |
|---|---|
| High Performance | Advanced tracking algorithm and low false alarm rate |
| Easy to Use | Intuitive web browser interface |
| Detection Zones and Rules | Up to 40 zones (multi-segment, poligones and lines) 60 VCA filter in total |
| On-screen Display | Real-time display of tracking data and events via activeX plug-in in IE browse |
| Burn in Annotation | Allows the VCA annotation to be burnt in to the raw video stream for displaying on third party application |
| Tamper Detection | Recognize camera tampering via VCA detect |

## Video Content Analysis (Option extension license)

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|---|---|
| Available License | VCAcountIP, VCAaccessIP, VCAsurveillanceIP, VCAadvancedIP |
| VCA Detection Filters | Enter, Exit, Appear, Disappear, Stop,Direction, Dwell, Speed, Tailgating, Object Classification |
| VCA Features | - Up to 20 Onscreen Counter Displays - CountingLine for accuracy people and vehicle counting, - VCA Event Metadata Streaming (RTSP/RTP), - VCA calibration for right object size detection |

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|---|---|---|
| **Video** | Imaging device | 1/3" Progressive scan CMOS |
| | Effective pixels | 1/1 to  1/10 000 s |
| | Electronic shutter speed | 1920x1080 |
| | Resolution | Max. 30fps at all resolutions |
| | Max. frame rate | Color: 1.5 Lux (50 IRE) / 0.02Lux(Sens-up); B/W: 0.1 Lux (50 IRE) / 0.001Lux(Sens-up) |
| | Min. illumination | >50dB |
| | Video compression format | H.264, MJPEG |
| | S/N Ratio | Focal Length zoom Ratio x20 with autofocus |
| **Lens** | Lens type | f=4.45-89.0 mm,  F1.6-2.9 |
| | Focal length | 20x |
| | Auto iris | 8x |
| **Video output (for installation)** | Video output | Analog video output for installation only |
| **Audio** | Audio I/O | Line in/ Line out |
| | Audio Compression Format | G.711A |
| **Operational** | Day & Night | Auto (ICR), Color & B/W. |
| | Gain Control | AGC |
| | White Balance | Auto / Manual |
| | Wide Dynamic Range | WDR |
| | Motion detection | Yes |
| | Alarm I/O | 4 Input / 2 Output |
| | Memory Slot | Micro SD |
| | Heater | Yes |
| | Fan | Yes |
| **PTZ** | Pan Range | 360° without restriction |
| | Tilt Range | 5°-185° |
| **Network** | Ethernet | 10/100BASE-T |
| | Protocol | TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/UDP, RTP/TCP, SNTP,DHCP, DDNS, SSL v2/v3, IEEE 802.1X, SNMP,v2/v3 |
| | Web Viewer | Internet Explorer |
| | Security | Multi-level access with password protection |
| **Miscellaneous** | Input Voltage-Current | 24 VAC 60/50Hz PoE+ (802.3at) |
| | Operating conditions | Outdoor |
| | Ingress Protection | IP66 |
| | Operating Temperature | AC24V: -40 °C — 50 °C; PoE: -10 °C — 50 °C |
| | Dimensions (LxH) | 248 x 300 mm |
| | Weight | 4,6 kg |

*If VCA is activate, frame rate is limit to max15fps@1080p. Limitations are based on V.1.6.0 firmware release and could be changed without notice