# TVUC-B01-0401-DOM-W

**Caméra dôme UltraSync Wi-Fi, 4MP, IR 30m, Wi-Fi, 2,8mm, IP66, audio, mémoire SD 32Go, blanche.**

## Introduction

Designed to revolutionize the way you monitor your surroundings, the UltraSync cameras combine advanced features with effortless integration, delivering an unparalleled surveillance experience. With two variants boasting 4 megapixels, the UltraSync cameras offer exceptional image quality, ensuring crystal-clear details in every frame. Whether you opt for the sleek bullet design or the versatile dome variant, you can capture every moment with stunning clarity.

## For a multitude of applications

Equipped with infrared (IR) technology, the UltraSync cameras ensure reliable monitoring even in low-light conditions without sacrificing image quality. Audio capability further enhances the surveillance experience. The inclusion of audio expands the capabilities of these cameras, making them an indispensable asset in various scenarios.

## Integrated & secure

To maximize the potential of the UltraSync cameras, they seamlessly integrate with the xGenConnect alarm panel and UltraSync+ mobile app. Through the secure UltraSync platform, you can effortlessly control and manage your cameras, ensuring comprehensive surveillance at your fingertips. Enjoy real-time access to live video feeds, customize settings, and receive instant alerts, all from the convenience of your mobile device.

## Remote monitoring and alarm management

As an end-user, you can manage your security system remotely 24/7 through the secure UltraSync platform using the UltraSync+ mobile app. You can also decide to have a Central Monitoring Station securely monitor your system in for alarm events and even perform video verification after an event occurs.

## Fonctionnement en mode autonome

Dans les scénarios où une seule caméra est nécessaire, par exemple pour surveiller un point d'entrée spécifique, un petit bureau ou une pièce unique, les caméras UltraSync constituent une solution simple. Son fonctionnement autonome élimine le besoin d'un système de surveillance complet, ce qui en fait la solution idéale pour les besoins de sécurité ciblés.



## Détails

- Intégration avec la centrale d'alarme xGenConnect et l'application mobile UltraSync+
- Peut être utilisée comme caméra autonome gérée avec TVRMobile ou l'application Advisor Advanced Pro
- Résolution maximale : 4MP (2688 x 1520)
- Connectivité Wi-Fi et LAN
- Éclairage IR jusqu'à 30 m
- Convient pour l'intérieur et l'extérieur
- Carte SD de 32 Go préinstallée
- Accessoires de montage disponibles en option

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## Spécifications techniques

### General

| | |
|---|---|
| Technology | IP |
| Video standard | NTSC, PAL |
| Software compatibility | Advisor Advanced Pro mobile app., TVRmobile, UltraSync+ mobile app., Web Browser |

### Camera

| | |
|---|---|
| Sensor size | 1/3" |
| Max. resolution | 4 MP |
| Sensor scan | Progressive |
| Sensor type | CMOS |
| Digital S/N ratio | ≥ 52 dB |
| Shutter time | 1/3 to 1/100,000 s |

### Lighting performance

| | |
|---|---|
| WDR | 120 dB |
| Day/night | True Day/Night |
| Motorized IR cut filter | Yes |
| Color sensitivity | Color: 0.005 lux @ (F1.6, AGC ON), B/W: 0 Lux with IR |
| Infrared (IR) | Yes |
| IR range | Up to 30 m |
| IR wavelength | 850 nm |

### Encoding

| | |
|---|---|
| Video streams | 2 |
| Main stream compression | H.264, H.264+, H.265, H.265+ |
| Sub stream compression | H.264, H.265, MJPEG |
| Video bit rate | 32 Kbps to 8 Mbps |
| Main stream resolutions | 1280 x 720 (XVGA), 1920 x 1080 (1080p), 2304 x 1296, 2560 x 1440 |
| Sub stream resolutions | 1280 x 720 (XVGA), 640 x 360 (nHD), 640 x 480 (VGA) |
| Max. resolution @ fps | 2560 x 1440 @ 20 fps |

### Lens

| | |
|---|---|
| Lens type | Fixed |
| Focal length | 2.8 mm, Horizontal FoV 95°, Vertical FoV 53°, Diagonal FoV 111° |
| f-stop | F1.6 |
| Auto iris | No |

### DORI

| | |
|---|---|
| Detection | 63 m |
| Observation | 25 m |
| Recognition | 12 m |
| Identification | 6 m |

### Network

| | |
|---|---|
| Network interface | RJ-45 10/100 Mbps self-adaptive Ethernet interface |
| Integration | ISAPI, ONVIF Profile G, ONVIF Profile S |
| Supported network protocols | Bonjour, DDNS, DHCP, DNS, HTTP, HTTPS, ICMP, IGMP, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SNMP, TCP/IP, UPnP |

### WiFi

| | |
|---|---|
| WiFi standards | 802.11n: OFDM, 802.11b; DSSS,802.11g: OFDM |
| Channel bandwidth | 20/40 MHz |
| WiFi range | Up to 120 m (The performance can vary based on installation environment) |
| Frequency range | 2.412 to 2.472 GHz |
| Transfer rates | 802.11n: up to 300 Mbps |

### Audio

| | |
|---|---|
| Audio compression | G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM |
| Audio in | Built-in microphone |
| Audio out | Built-in speaker |
| Audio bit rate | 64 Kbps (G.711)/16 Kbps (G.722.1) / 16 Kbps (G.726) / 32 to 160 Kbps (MP2L2) |

### Storage

| | |
|---|---|
| Local storage support | Yes |
| Local storage type | Built-in Micro SD/SDHC/SDXC card slot with 32 GB SD card pre-installed |
| Max. SD card capacity | 256 GB |

### Video intelligence

| | |
|---|---|
| Alarm trigger | HDD error, Invalid login, IP address conflict, Network disconnected |
| ROI | Support 1 fixed region for main stream |
| Smart event | Advanced motion detection, Motion detection |

### Electrical

| | |
|---|---|
| Operating voltage | 12 VDC ± 25%, 0.5 A, Ø5.5 mm coaxial power plug, reverse polarity protection<br>12VDC power adapter included |
| Power consumption | max. 6 W |

### Physical

| | |
|---|---|
| Physical dimensions | Ø 126 × 96.1 mm<br>Ø 5 × 3.8 in. |
| Net weight | Approx. 590 g<br>Approx. 1.3 lb. |
| Shipping weight | Approx. 989 g<br>Approx. 2.2 lb. |
| Colour | White |
| Material | Aluminium, Plastic |
| Form Factor | Dome |

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## Environmental

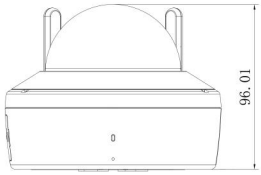
| | |
|---|---|
| Environment | Outdoor |
| Operating temperature | -30 to +60°C<br>-22 to +140°F |
| Storage temperature | -30 to 60 °C |
| Cold start temperature | -22 to 140 °F |
| Relative humidity | <95% noncondensing |
| IP rating | IP66 |

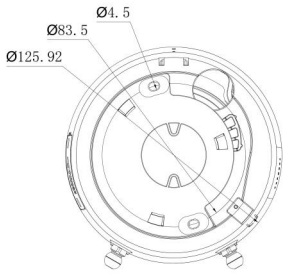
## Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RED (2014/53/EU), RoHS, WEEE |

## Produits compatibles

| Catégorie | Référence | Description |
|---|---|---|
| Brackets & Mounts | TVD-BB5 | Boîtier arrière de raccordement pour caméra dôme Wi-Fi UltraSync, blanc. |
| Brackets & Mounts | TVD-CB11 | Coupelle de raccordement pour caméra dôme Wi-Fi UltraSync, blanche. |
| Brackets & Mounts | TVD-CBW-W | Support mural TruVision compatible avec les socles TVD-CBx-W, blanc. |
| Brackets & Mounts | TVD-PPB-W | Support de fixation pour montage au plafond TruVision pour TVD-CBx, TVF-CBM, blanc. |

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