# TVUC-B01-0401-DOM-W

## Câmara dome Wi-Fi UltraSync, 4 MP, 30 m IR, Wi-Fi, 2,8 mm, IP66, áudio, 32 GB de memória SD, branca

### 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.

For environments where the camera location might need to change over time, the camera’s wireless connectivity offers unmatched flexibility. Whether you're monitoring different areas of a store or adapting to changing security needs in an office, the ease of relocating the camera without dealing with wiring makes it a convenient choice.

### Integrated with xGenConnect

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.

### Standalone operation

In scenarios where only one camera is needed—such as monitoring a specific entry point, a small office, or a single room—the UltraSync cameras provide a straightforward solution. Its stand-alone operation eliminates the need for a full surveillance system, making it ideal for focused security requirements.

### 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 for alarm events and even perform video verification after an event occurs.



### Detalhes

- Integrar com o painel de alarme xGenConnect e a aplicação móvel UltraSync+
- Pode ser utilizada como câmara autónoma gerida com a aplicação TVRMobile ou Advisor Advanced Pro
- Resolução máxima: 4MP (2688 x 1520)
- Conectividade Wi-Fi e LAN
- Iluminação IR até 30 m
- Adequado para interiores e exteriores
- Cartão SD de 32 GB pré-instalado
- Acessórios de montagem opcionais disponíveis

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## Especificações técnicas

### General

| | |
|---|---|
| Technology | IP |
| Video standard | NTSC, PAL |
| Software compatibility | Advisor Advanced Pro mobile app., TVRmobile, UltraSync+ mobile app., Logiciel de navigation |
| Note | For integrated setup with xGenConnect, use UltraSync+ mobile app |
| | For camera standalone operation without alarm panel, use TVRMobile or Advisor Advanced Pro mobile app |

### Camera

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

### Lighting performance

| | |
|---|---|
| WDR | 120 dB |
| Day/night | Vrai jour / nuit |
| Motorized IR cut filter | Yes |
| Color sensitivity | Cor: 0,005 lux @ (F1.6, AGC ON), P/B: 0 Lux com IR |
| Infrared (IR) | Yes |
| IR range | Até 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, M-JPEG |
| Video bit rate | 32 Kbps a 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 | Fest |
| 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 Mbit/s auto-adaptable interface Ethernet |
| Integration | ISAPI, ONVIF profil G, ONVIF profil 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 | Até 120 m (O desempenho pode variar consoante o ambiente de instalação) |
| Frequency range | 2.412 a 2.472 GHz |
| Transfer rates | 802.11n: até 300 Mbps |
| Modulation | 802.11n: BPSK, QPSK, 16QAM, and 64QAM, 802.11b: DBPSK and DQPSK, CCK, 802.11g: BPSK, QPSK, 16QAM, and 64QAM |

### Audio

| | |
|---|---|
| Audio compression | G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM |
| Audio in | Microfone incorporado |
| Audio out | Altifalante incorporado |
| 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 | Ranhura integrada para cartões Micro SD/SDHC/SDXC com cartão SD de 32 GB pré-instalado |
| Max. SD card capacity | 256 GB |

### Video intelligence

| | |
|---|---|
| Alarm trigger | HDD error, Inicio de sesión ilegal, Conflicto de direcciones IP, Red desconectada |
| ROI | Suporte de 1 região fixa para o fluxo principal |
| Smart event | Détection de mouvement avancée, Motion detection |

### Electrical

| | |
|---|---|
| Operating voltage | 12 VDC ± 25%, 0,5 A, ficha de alimentação coaxial Ø5,5 mm, proteção contra inversão de polaridade<br>Adaptador de alimentação de 12 VDC incluído |
| Power consumption | max. 6 W |

### Physical

| | |
|---|---|
| Physical dimensions | Ø 126 × 96.1 mm (5 × 3.8 in.) |
| Net weight | Approx. 590 g (1.3 lb.) |
| Shipping weight | Approx. 989 g (2.2 lb.) |
| Colour | Weiß |
| Material | Aluminium, Plastik |
| Form Factor | Dome |

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### Environmental

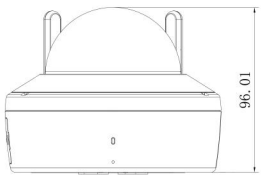
| | |
|---|---|
| Environment | Draussen |
| Operating temperature | -30 a +60°C (-22 to +140°F) |
| Storage temperature | -30 a 60°C (-22 to +140°F) |
| Relative humidity | <95% sem condensação |
| IP rating | IP66 |

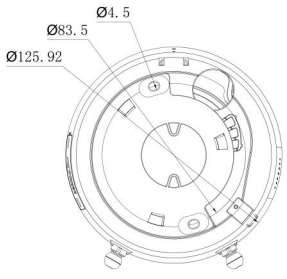
### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, ROUGE (2014/53 / UE), RoHS, WEEE |

### Produtos compatíveis

| Categoria | Referência | Descrição |
|---|---|---|
| Brackets & Mounts | TVD-BB5 | Caixa traseira para câmara dome Wi-Fi UltraSync, branca |
| Brackets & Mounts | TVD-CB11 | Base pendente para câmara Dome Wi-Fi UltraSync, branca |
| Brackets & Mounts | TVD-CBW-W | Suporte de montagem na parede TruVision compatível com bases pendentes TruVision brancas TVD-CBx-W |
| Brackets & Mounts | TVD-PPB-W | TruVision Dome abgehängte Deckenhalterung für TVD-CBx, TVF-CBM, weiß |

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