

# TVUC-B01-0401-DOM-W

**UltraSync Wi-Fi dome camera, 4MP, 30m IR, Wi-Fi, 2.8mm, IP66, audio, 32GB SD storage, white**

## Introduction

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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

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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

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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

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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.



## Details

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- Integration with xGenConnect alarm panel and UltraSync+ mobile app
- Maximum resolution: 4MP (2688 x 1520)
- Wi-Fi and LAN connectivity
- Up to 30 m IR illumination
- Suitable for indoor and outdoor
- Pre-installed 32GB SD card storage
- Optional mounting accessories available

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## Technical specifications

### General

Technology	IP
Video standard	NTSC, PAL
Software compatibility	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
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	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 12VDC power adapter included
Power consumption	max. 6 W

### Physical

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

### Environmental

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

# TVUC-B01-0401-DOM-W

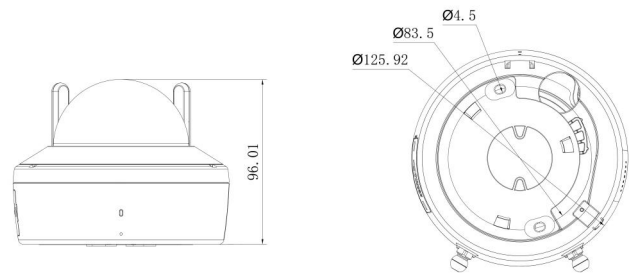
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## Regulatory

Compliance	CE, REACH, RED (2014/53/EU), RoHS, WEEE
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## Compatible accessories

TVD-BB5	Back box for UltraSync Wi-Fi dome camera, white
TVD-CB11	Cup base for UltraSync Wi-Fi dome camera, white
TVD-PPB-W	Pendant mount bracket to be used in combination with TVD-CB11
TVD-CBW-W	Wall mount bracket to be used in combination with TVD-CB11



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