

## Introduction

The TeraVision™ series rugged dome camera is a general-purpose high resolution camera with full features for different video surveillance applications.

Based on the latest CMOS Megapixel IMX222 technologies, the 1/3" Colour CMOS sensor provides razor sharp high resolution **1080P** in colour and black & white. Furthermore, the built-in IR illuminator model provides details within the field of view even with no other illumination applied.

The camera provides superb video quality under variable or harsh light conditions using digital noise reduction, ATR (adaptive tone reproduction) which reveals details under wide dynamic range conditions, and HLC (highlight compensation) technology that suppresses intense situations such as strong vehicle headlights at night.

The camera is suitable for most indoor and outdoor circumstances given its 3-axis gimbal bracket, removable IR cut filter, varifocal lens, and weatherproof vandal-resistant rugged enclosure.

The infrared (night vision) capability provides Infrared illumination up to **40 meters in zero light conditions**. This vandal resistant camera includes a **Varifocal lens of 2.8 to 12mm**, which provides the installer with the ability to customize the field of view to the best viewing angle needed for that surveillance application.

## Product Features

- Over 1080P resolution
- True colour reproduction
- Real WDR
- Vari-focal lens: 2.8 to 12 mm at F1.4
- Smart D-Zoom
- UTC easy remote configuration mode
- Dead pixel correction
- IP66 Rugged enclosure
- 12 VDC power supply
- IMAGE ENHANCE feature
- POE Optional



## TERAVISION



## Specifications

**Camera**

Image Sensor	IMX222
Main processor	HI3516C
Resolution	1080P
Effective Pixels	1920(H)*1080(V)
TV System	PAL/NTSC
Electronic Shutter Time	Auto: PAL 1/1-1/10000Sec; NTSC 1/1-1/10000Sec
Sync System	External
Usable Illumination	0.01Lux
S/N Ratio	≥52dB
Scanning System	Progressive
Video Output	Network

**Lens**

Focus Length	2.8-12mm
Focus Control	Manual
Lens Type	Manual
Pixels	3M Pixels

**Night Vision**

Infrared LED	∅ 5X42PCS
Infrared Distance	40M
IR Status	Under 10 Lux By CDS
IR Power On	CDS Auto Control

**Network**

Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4, HTTP, TCP/IP, FTP, NTP, RTSP, UDP, SMTP, DNS, DDNS
ONVIF	Support ONVIF 2.4
P2P	YES, Support QR Code
POE	Optional, Support IEEE 802.3af
WIFI	N/A

Video Delay	0.3S (Within the Lan)
Main Stream	1920*1080@30fps
Sub Stream	704*576@30fps, 352*288@30fps
IE Brower	IE8-11, Google Chrome, Firefox
Smart Phone	iPhone, iPad, Android, Android Pad

## Camera Features

Day/Night	Color/ B&W (IR-CUT )
Compression	H.264/JPEG,Support record AVI format.
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, BLC, FLK(Flicker Control)
Motion Detection	Support
Privacy Masking	3 Rectangular Zone
WDR	YES
Recording Mode	NVR/NAS/CMS/Web
Language	Chinese Simplified, Chinese Traditional, English, Bulgarian, Polish, Farsi, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian

## General

Housing	Vandalproof( metal )
Lens Angle Adjustment	YES, 3-Axis
IR Cut Filter	YES
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
Power Source	DC12V±10%,700mA
Dimension	275 (W) x90. 5 (H) x79. 5 (D) mm
Weight	1.4kgs

## Ordering Information

<b>TS-IN40S200</b>	TeraVision Vandal proof Dome Camera , 1080P, Ethernet , IR illumination,12VDC, PAL
TS-DCPLUG2A	12VDC 2amp plug pack
TS-DCPLUG	DC plug with + - screw terminals
TS-DCSOCKET	DC socket with + - screw terminals