

# 4MP Vandal-resistant Network IR VF Dome Camera

IPC-D314-APKZ



## Features

- High quality image with 4MP, 1/2.7" CMOS sensor
- 4MP (2560\*1440)@25fps; 3MP (2304\*1296)@30fps; 1080P (1920\*1080)@30fps
- Ultra 265, H.265, H.264
- 2D/3D DNR (Digital Noise Reduction)
- ROI (Region of Interest)
- ONVIF Conformance
- Smart IR, up to 30m (98ft) IR distance

- IR anti-reflection window to increase the infrared transmittance
- 120dB true WDR technology enables clear image in strong light scene
- Built-in Mic
- Wide temperature range: -30° C ~ 60° C (-22° F ~ 140° F)
- DC12V or PoE(IEEE 802.3af) power supply
- IP67
- IK10

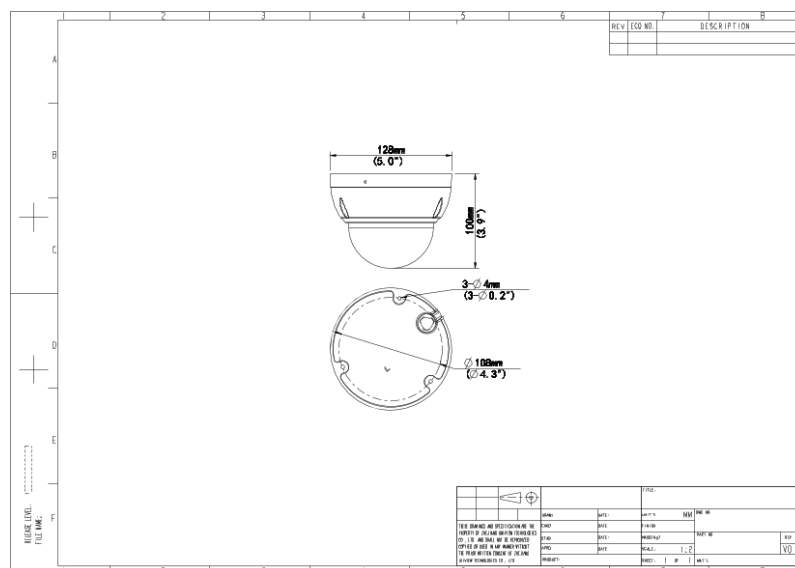
## Specifications

Camera	Description
Sensor	1/2.7"CMOS
Min. Illumination	Colour: 0.005Lux (F1.8, AGC ON) 0 Lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment angle	Pan: 3° ~ 360° , Tilt: 0° ~ 70° , Rotate: 3° ~ 360°
S/N	>52dB
WDR	120dB
Lens	Description
Lens type	2.8~12mm
Iris	F1.8
Field of View (H)	102.79° ~ 30.86°
Field of View (V)	54.50° ~ 17.49°
Field of View (D)	106.94° ~35.49°
DORI	Description
DORI Distance (Lens)	2.8mm, 12mm
DORI Distance (Detect)	63.0m(206.7ft), 270.0m(885.8ft)
DORI Distance (Observe)	25.2m(82.7ft), 108.0m(354.3ft)
DORI Distance (Recognize)	12.6m(41.3ft), 54.0m(177.2ft)
DORI Distance (Identify)	6.3m(20.7ft), 27.0m(88.6ft)
Illuminator	Description
Illumination Distance(IR)	Up to 50m (164ft)
Wavelength	850nm
IR On/Off Control	Auto/Manual
Video	Description
Video Compression	Ultra 265; H.265; H.264
H.264 code profile	Baseline profile, Main profile, High profile

Frame Rate	Main Stream: 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps;
Video Bit Rate	128 Kbps~6144 Kbps
U-code	Support
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video stream	Dual streams
<b>Image</b>	<b>Description</b>
White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal; Flip Vertical; Flip Horizontal; 180° ; 90° Clockwise; 90° Anti-clockwise
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital Defog
<b>Events</b>	<b>Description</b>
Basic Detection	intrusion(based on human body detection); Motion detection; Tampering alarm; Audio detection
General Function	Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP Authentication
<b>Audio</b>	<b>Description</b>
Audio Compression	G.711U; G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N/A
Suppression	Support
Sampling Rate	8KHZ
<b>Storage</b>	<b>Description</b>
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR; NAS(NFS)
<b>Network</b>	<b>Description</b>
Protocols	IPv4; IPv6; IGMP; ICMP; ARP; TCP; UDP; DHCP; RTP; RTSP; RTCP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; SMTP; SSL/TLS; QoS; SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T); API
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Client	Uniarch Client; Uniarch app
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above; Plug-in free live view: Chrome 57.0 and above,Firefox 58.0 and above,Edge 16 and above
<b>Interface</b>	<b>Description</b>

Audio I/O	N/A
Alarm I/O	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
<b>Certification</b>	<b>Description</b>
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035) FCC (FCC 47 CFR part15 B)
Safety	CE LVD (EN 62368-1) CB (IEC 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);
Protection	IP67 (IEC 60529) IK10 (IEC 62262)
<b>General</b>	<b>Description</b>
Power	DC 12V ±25%, PoE (IEEE 802.3af) Power consumption: Max 6.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions	Ø128 x 100mm (Ø5.0" x 3.9" )
Weight	0.56kg (1.23lb)
Working Environment	-30 ° C ~ 60 ° C (-22 ° F ~ 140 ° F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30 ° C ~ 60 ° C (-22 ° F ~ 140 ° F), Humidity: ≤95% RH (non-condensing)
Surge protection	6KV
Reset button	Support

## Dimensions



## Accessories

TR-JB03-H-IN

Junction Box for Metal Turret Camera(Support wiring from behind)



TR-JB07/WM03-F-IN

Wall Mounting Assembling Bracket with Back Hole for 3 Inch Hemisphere

TR-WM03-B-IN

Wall Mounting Assembling Bracket for 3 Inch Hemisphere



TR-A01-IN

NPT 3/4" Waterproof Cable Gland

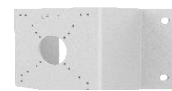
TR-UP06-IN

Universal Pole Mounting Bracket



TR-UC08-C

Bullet&Dome Corner Mounting Bracket



TR-SE24-IN

Dome Pendant Mounting Pole 200mm



TR-SE24-A-IN

Dome Pendant Mounting Pole 500mm



TR-CM24-IN

Dome Pendant Mounting Bracket(Indoor)



**Zhejiang Uniview Technologies Co., Ltd.**

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\*Product specifications and availability are subject to change without notice.

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Product Service

# Attestation of Compliance

No. N5A 083707 0336 Rev. 03

**Holder of Certificate:** **ZHEJIANG UNIVIEW TECHNOLOGIES CO., LTD.**

88 Jiangling Road, Xixing Town  
Binjiang  
310051 Hangzhou  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Camera  
IP Camera**

**Model(s):** IPC-D312-APKZ, IPC-D315-APKZ,  
IPC-D312-xxxxxxxx-yyyyyyyyy-zzz,  
IPC-D314-xxxxxxxx-yyyyyyyyy-zzz,  
IPC-D315-xxxxxxxx-yyyyyyyyy-zzz  
(‘x’ can be 0-9, A-Z, a-z or blank,  
denoting difference in interface;  
‘y’ can be 0-9, A-Z, a-z or blank,  
denoting performance difference;  
‘z’ can be 0-9, A-Z, a-z or blank,  
denoting target regional; ‘-’ may be blank)


**Parameters:** Rated input: 12V $\pm$ , 1.0A;  
POE 48V $\pm$ , 0.25A  
Protection class: III

**Tested according to:** EN 62368-1:2014/A11:2017

This Attestation of Compliance is issued on a voluntary basis and confirms the compliance with the listed electrical safety standards for electrical equipment below 50V AC or 75 V DC, which is below the voltage limits of the Low Voltage Directive 2014/35/EU. It refers only to the particular sample submitted for testing and certification. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 4842021083303

**Date,** 2022-06-09

  
( Bin Li )

Page 1 of 1

Other relevant European directives have to be observed. If they require CE marking, it may be affixed on the product after preparation of the necessary technical documentation as well as the EU declaration of conformity.

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

TÜV®



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 Xixing Street, Binjiang district, Hangzhou, Zhejiang, China  
 Telephone +86571-88317620  
 Telefax +86571-88316350

## CE EMC Certification of Conformity

**Certificate No.: JCZS(E)20220707038-C**

The samples of the below product have been found to comply with the essential requirements of the relevant standards.

**Product** : IP Camera  
**Type Designation/Trademark** : See Annex  
**Applicant** : Zhejiang Uniview Technologies Co., Ltd.  
**Address** : 1-3/F Area A and 2/F Area B, Building 2; 1-11/F South Tower, Building 10, 88 Jiangling Road, Xixing Town, Binjiang District, Hangzhou City, P.R.China  
**Manufacturer's Name** : Zhejiang Uniview Technologies Co., Ltd.  
**Manufacturer's Address** : 1-3/F Area A and 2/F Area B, Building 2; 1-11/F South Tower, Building 10, 88 Jiangling Road, Xixing Town, Binjiang District, Hangzhou City, P.R.China  
**Measurement Facilities** : Hangzhou TDT Technologies Co., Ltd.  
**Relevant Standard(s) / Specification(S) / Directive(S)** : EMC Directive 2014/30/EU  
 EN 55032:2015+A11:2020  
 EN 55035:2017+A11:2020  
 EN IEC 61000-3-2:2019+A1:2021  
 EN 61000-3-3:2013+A1:2019



**Accreditations** :  Recognition Number: 645845



Accreditation Number: C-14683, G-10832, R-14200, T-20082

**Report Number** : JCBG(E)20220707038-C

**Issued Date** : July 20, 2022

**Issued by** : Bing Cai

**Position/Title** : General Manager

**Signature** : Bing Cai





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 XixingStreet,Binjiang district, Hangzhou, Zhejiang, China  
 Telephone +86571-88317620  
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**This is an Annex to Test Verification of Conformity with Verification/Report Number(S):  
 JCBG(E)20220707038-C. The issuing office is Hangzhou TDT Technologies Co., Ltd.(Address:  
 Room 101, Building 3, No. 12, Binwen Road, Xixing Street, Binjiang  
 district, Hangzhou, Zhejiang, China)**

**Model(s) : IPC-D312-xxxxxxx-yyyyyyy-zzz, IPC-D314-xxxxxxx-yyyyyyy-zzz, IPC-D315-  
 xxxxxxxx-yyyyyyy-zzz  
 (where x,y,z may be blank, one letter or more combination letters from '0-9, A-Z and  
 a-z'; '-' is optional)**

**NOTE: This Annex is part of the Test Verification of Conformity and should be read in conjunction with  
 it.**

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 that the material, product, or service is or has ever been under an TDT certification program.

**Issued Date** : July 20, 2022

**Issued by** : Bing Cai

**Position/Title** : General Manager

**Signature** : Bing Cai







# ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΕ

Nr 2023/01041

Για τα ακόλουθα προϊόντα

εξοπλισμού

: IP Κάμερα

Τύπος Προϊόντος/Εμπορικό

IPC-B122-APF28K

Σήμα:

IPC-T122-APF28K

IPC-D122-PF28K

IPC-P213-AF40KC

IPC-B124-APF28K

IPC-T124-APF28K

IPC-D124-PF28K

IPC-B314-APKZ

IPC-T314-APKZ

IPC-D314-APKZ

IPC-B125-APF28

IPC-T125-APF28

IPC-D125-PF28

IPC-B315-APKZ

IPC-T315-APKZ

IPC-D315-APKZ

Όνομα Κατασκευαστή

: ZHEJIANG UNIVIEW TECHNOLOGIES CO., LTD

Διεύθυνση Κατασκευαστή

No. 369, Xietong Road, Xixing Sub-district,  
Binjiang District, Hangzhou City, China (zhejiang)  
Pilot Free Trade Zone

στο οποίο αναφέρεται η παρούσα δήλωση, και είναι σύμφωνο με τα ακόλουθα πρότυπα ή άλλα έγγραφα κανονισμού:"

"Οδηγία του Συμβουλίου 2014/30/ΕΕ - Οδηγία EMC"

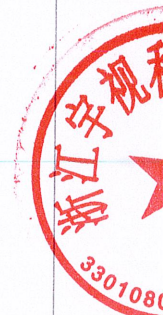
EN 55032:2015+A11:2020+A1:2020

EN 50130-4:2011+A1:2014

EN IEC 61000-3-2:2019+A1:2021

EN 61000-3-3:2013+A1:2019+A2:2021

"Οδηγία του Συμβουλίου 2014/35/ΕΕ - Οδηγία Χαμηλής Τάσης"



EN IEC 62368-1:2020+A11:2020

"Οδηγία του Συμβουλίου (ΕΕ) 2015/863 τροποποιώντας το Παράρτημα II της Οδηγίας 2011/65/ΕΕ"

"Υπεύθυνος για την κατάθεση αυτής της δήλωσης είναι ο:

Κατασκευαστής  Εξουσιοδοτημένος εκπρόσωπος που έχει εγκατασταθεί στην ΕΕ

Υπεύθυνος για την κατάθεση αυτής της δήλωσης

Όνομα, Επίθετο : 白宗杭

Θέση/Τίτλος : Sales Engineer

Hangzhou

2024.07.24

(Μέρος)

(Ημερομηνία)

(Σφραγίδα της εταιρείας και νόμιμη υπογραφή)

