

## Features

- **UAC-T128-ADF28MS**
  - High quality imaging with 8MP resolution
  - TVI/CVI/AHD/CVBS
  - Supports IR-cut filter with auto-switch (ICR)
  - LightHunter monitoring with high-sensitivity sensor
  - 3D noise reduction technology delivers clean and sharp images
  - Supports 180° horizontal flip, 180° vertical flip
  - OSD configuration menu, easy to operate
  - IP67 waterproof and dustproof design, high reliability
  - OSD configuration menu in 11 languages
  - Built-in microphone for high quality audio transmission via coaxial cables
  - 120dB true WDR technology enables clear image in strong light scene
- **XVR301-08U3**
  - Support Ultra 265/H.265/H.264 video formats
  - Support audio over coaxial cable(TVI cameras)
  - Support TVI, AHD, CVI, CVBS, IP cameras with adaptive access
  - 8-channel BNC input
  - Support 1-ch CVBS output, 1-ch VGA output, 1-ch HDMI output at up to 4K(3840 x 2160)
  - HDMI and VGA simultaneous output
  - Long transmission distance over coaxial cable
  - Support mainstream cameras of ONVIF and RTSP protocols

## Specifications

- **UAC-T128-ADF28MS**

Model	UAC-T128-ADF28MS	UAC-T128-ADF40MS
<b>Camera</b>		
Max Resolution	8 MP	
Sensor Size	1/2.7" CMOS	
Min. Illumination	0.005 lux (F1.6, AGC ON) 0 lux (IR ON)	
<b>Lens</b>		
Focus	2.8 mm	4.0 mm
Lens Mount	M12	
Angle of View (H)	109.1°	86.8°
Angle of View (V)	61.0°	49.4°
Angle of View (D)	126.7°	99.9°
<b>Illuminator</b>		
Illuminator Number	Two IR illuminators	
Illumination Distance	40m	
Lifetime	≥ 60000 hours	
<b>Video</b>		
Resolution	4K: 3840(H) × 2160(V) 5MP@20fps: 2592(H)×1944(V); 4MP: 2560(H)×1440(V)	
Frame Rate	CVI: 4K@15fps (default), 5MP@20fps, 4MP@25fps, 4MP@30fps TVI/AHD: 4K@15fps, 5MP@20fps, 4MP@25fps, 4MP@30fps CVBS: PAL, NTSC	
Shutter Time	PAL: 1/25s-1/50000s, NTSC: 1/30s-1/50000s	
<b>Image</b>		
Exposure Mode	Four modes: Global (default), BLC, HLC, WDR	
Day/Night	Three modes: Auto (default), Day, Night	
Digital Noise Reduction	2D/3D	
White Balance	Two modes: Auto (default), Manual	
WDR	120 dB WDR	
Smart IR	Support	
Flip	Supports 180°horizontal flip, 180°vertical flip	
Digital Defog	N/A	
<b>Audio</b>		
Built-in Mic	Support	
Camera Audio	CVI: 4K@15fps, 5MP@20fps, 4MP@25fps, 4MP@30fps	
<b>Interface</b>		
Power Interface	5.5 mm Power Interface	
Video Output	BNC, supports TVI/AHD/CVI/CVBS	
<b>Operating Environment</b>		
Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	
Humidity	≤ 95% RH (non-condensing)	

Surge Protection	4kV for power&4kV for video output interfaces
<b>General</b>	
Power	DC 12 V ± 25%
Power Consumption	MAX 4.8W
Mount	Wall Mount, Pole Mount, Corner Mount, Pendant Mount
Dimensions	Φ111mm*98mm (diameter*height)
Material	Metal
Weight	417g(0.92lb)
OSD Menu Language	11 Languages: English, German, Spanish (Latin America), French, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Turkish
<b>Certification</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)
Environment	CE-RoHS (2011/65/EU; (EU) 2015/863); WEEE (2012/19/EU)
Protection	IP67 (IEC 60529)

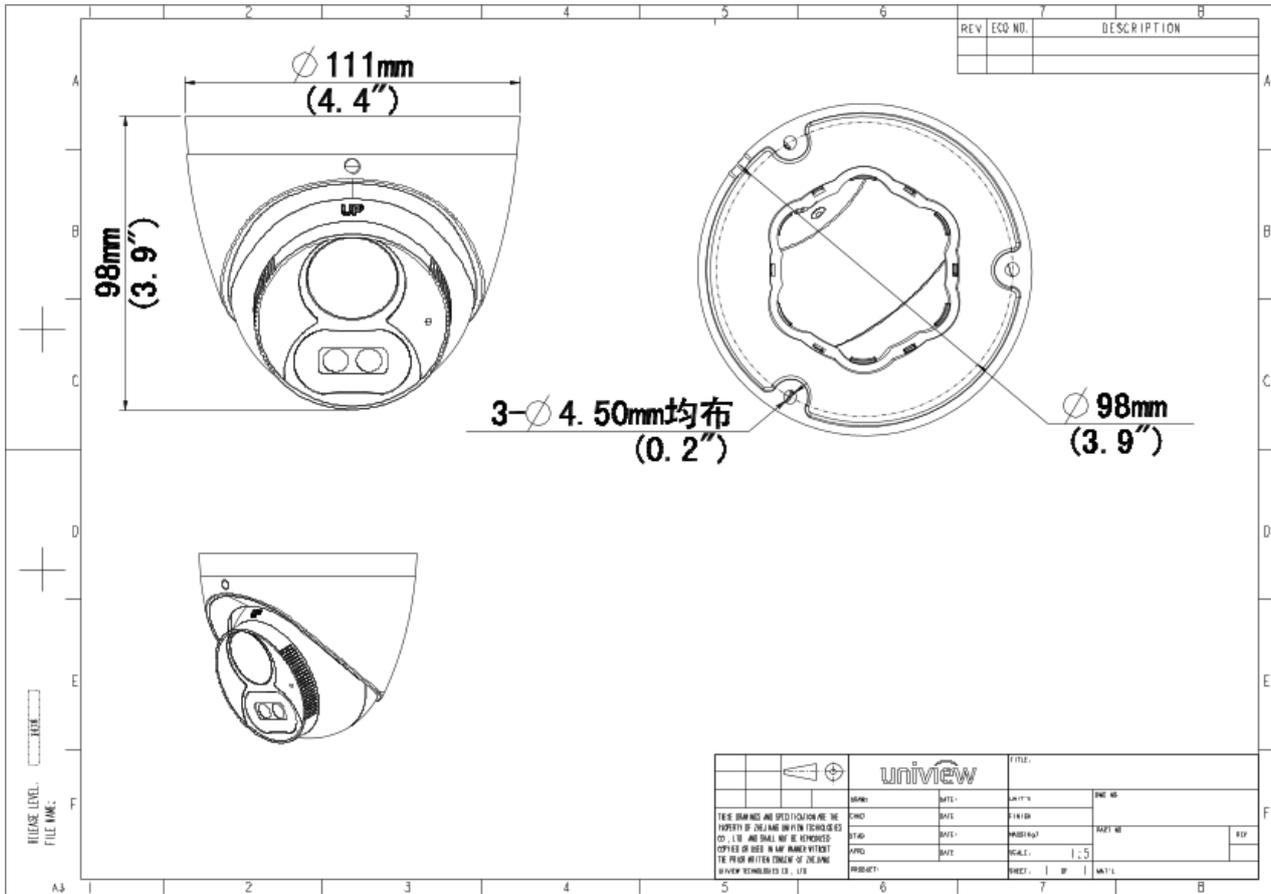
• **XVR301-08U3**

<b>Model</b>	<b>XVR301-08U3</b>
<b>Video/Audio Input</b>	
IP Video Input	8-ch
Analog Video Input	8-ch, BNC
Max IP Video Input	16-ch
Supported Analog Camera Types	Support AHD input: 8MP@15fps 5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support TVI input: 8MP@15fps 5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support CVI input: 8MP@15fps 5MP@25fps 4MP@30fps 1080P@30fps 720P@30fps Support CVBS input
BNC Audio Input	8-ch, channel audio
RCA Audio Input	1-ch
<b>Video/Audio Output</b>	

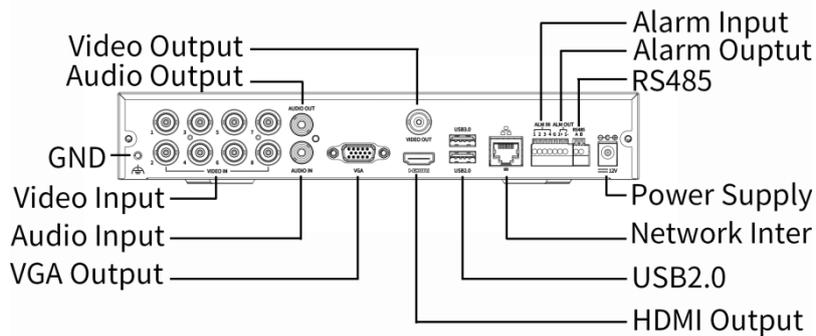
HDMI Output	HDMI: 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
VGA Output	VGA: 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
BNC Video Output	1-ch
RCA Audio Output	1-ch
Live View Display	HDMI/VGA: 1/4/6/8/9/16
Playback Screen	1/4/9/16
<b>Encoding/Decoding</b>	
Recording Resolution	8MP/5MP/4MP/1080P/720P/D1
Recording Frame Rate	Main stream: 8MP@8fps Sub stream: D1@8fps Main stream: 5MP@12fps Sub stream: D1@12fps Main stream: 4MP@15fps Sub stream: D1@15fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps
Audio Sample Rate	8 kHz, 16 bit per channel
Audio Bit Rate	64 Kbps per channel
Decoding Capability	Analog: 8 x 8MP @8, 8 x 5MP @12, 8 x 4MP @15, 8 x 1080P@25, 8 x 720@30 IP: 2 x 8MP@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30
Num of Concurrent Playback in Local	16-ch
<b>Coaxial Cable</b>	
Audio over Coaxial Cable(Form)	8-ch, One-way Audio(TVI)
<b>Two-way Audio</b>	
Two-way Audio	1-ch, RCA (Using the audio input and output)
<b>Analog Snapshot</b>	
FTP/Schedule/Event Snapshot	Schedule/FTP/Event snapshot:8-ch snapshot, up to 704*576 resolution
<b>Network</b>	
Incoming Bandwidth	80Mbps (Up to 96 Mbps after all analog channel conversion)
Outgoing Bandwidth	160Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, DHCP, HTTP, HTTPS, DNS, DDNS, SMTP
Browser(Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+
<b>Smart</b>	
Analog Smart by XVR	Ultra Motion Detection (UMD) , SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area)

IP Smart by IPC	Face Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Defocus Detection, Scene Change Detection, Object Removed, Object Left Behind, Auto Tracking
VCA Search	Face Search, Behavior Search
Smart Functions by XVR	8-ch (UMD), 4-ch (SIP)
Smart Functions by IP Camera	4-ch (SIP)
<b>Alarm</b>	
General Alarm	Motion
Alert Alarm	IP Conflict, Network Disconnected, Disk offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal
<b>GUI Language</b>	
GUI Language	38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian
<b>Hard Disk</b>	
SATA	1 SATA interface
Capacity	Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)
<b>External Interface</b>	
Network Interface	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface
USB	Rear panel: 1 × USB2.0, 1 × USB3.0
RS485	1
RS232	N/A
Alarm In	4-ch
Alarm Out	1-ch
Power Supply	DC 12 V/2 A
<b>Working Environment</b>	
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F )
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤ 12W
<b>Dimensions</b>	
Weight (without HDD)	≤1.2 Kg ( 2.65lb )
Dimensions	260mm ×251mm× 46mm (10.2" × 9.9"×1.8")
<b>Certification</b>	
Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2
FCC	Part15 Subpart B

# Dimensions



# Rear Panel



### Zhejiang Uniview Technologies Co., Ltd.

- <http://www.uniview.com>
- [overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)
- No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China



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