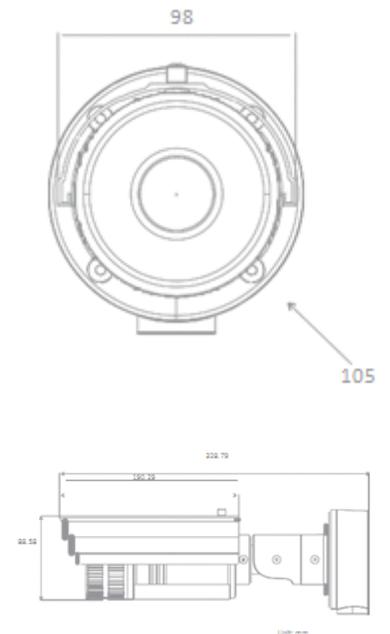## Overview

- Up to 3 megapixel (2048X1536) @ 30 fps resolution
- Motorized VF lens
- Heater
- 120 db True WDR
- Analytics
- Defocus Detection, smart face detection, audio exception detection, & intrusion detection.
- IR cut filter with auto switch
- Two-way audio
- Video Insight VMS License Included

Technical Specifications

Device	
Image Sensor:	1/3" Progressive Scan CMOS
Min. Illumination:	0.014 Lux @(F1.4,AGC ON), 0 Lux with IR
Shutter Time:	1s to 1/100,000 s
Lens:	2.8 - 9 mm@ F1.4, angle of view: 91.2°-28.3°
Auto Iris:	DC drive
Slow Shutter:	Support
Lens Mount:	φ14
Digital Noise Reduction:	3D DNR
WDR Range:	120db True WDR
Day/Night:	IR cut filter with auto switch
Compression Standard	
Video Compression:	H.264/MPEG4
Bit Rate:	32 Kbps ~ 16 Mbps
H.264 Type:	Baseline Profile/Main Profile/High Profile
Audio Compression:	G.711/G.726/MP2L2
Audio Bit Rate:	64Kbps(G.711) / 16Kbps(G.726)/32-128Kbps(MP2L2)
Image	
Max. Image Resolution:	2048 x 1536
Frame Rate:	50Hz: 20fps (2048 × 1536), 25fps (1920 × 1080), 25fps (1280 × 720) 60Hz: 20fps (2048 × 1536), 30fps (1920 × 1080), 30fps (1280 × 720)
Third Stream:	Independent with Main Stream and Sub Stream, up to 50Hz: 20fps (2048 × 1536) 60Hz: 20fps (2048 × 1536)
EIS (Electronic Image Stabilization:	Yes
BLC (Back Light Compensation:	Yes
HLC (High Light compensation):	Yes
Smart Defog:	Yes
Day/Night Switch	Auto/Schedule/Triggered by alarm in

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advidia®

Technical Specifications

Picture Overlay:	LOGO picture can be overlaid on video with 128 x 128 24 bit bmp format
Image Setting:	Rotate mode, Saturation, Brightness, Contrast adjustable by web browser
Network	
Alarm Trigger:	Line crossing Detection, Intrusion detection, Scene change detection, Defocus detection, audio exception detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict
Protocols:	TCP/IP,ICMP,HTTP,HTTPS,DHCP,DNS,RTP,RTSP,RTCP, NTP,SMTP,SNMP,IGMP,IPv6,Bonjour
Security:	User authentication, watermark, IP address filtering, anonymous access
System Compatibility:	ONVIF, PSIA,
On-board Storage:	Built-in Micro SD/SDHC/SDXC slot, up to 64 GB
Communication Interface:	1 RJ45 10 M/100 M Ethernet interface
Reset Button:	Yes
General	
Operating Conditions:	-40° F – 140° F (-40°C-60°C) Humidity 95% or less (non-condensing)
Power Supply:	12 VDC ± 10%, PoE (802.3af)
Power Consumption:	Max. 12W
IP Range:	Approx. 60-90ft (20-30m)
Dimensions:	3.86” ×4.13” × 12.94” (98 × 105 × 328.8 mm)
Ingress Protection Level:	IP66
Weight:	3.75lbs (1700g)
Software:	Includes Video Insight VMS License