

- o 12 Megapixel Resolution
- o H.265 / H.264 Encoding
- o IR range: Up to 60m
- o True day / night w/ IR cut filter
- o Indoor/Outdoor Weatherproof IP66
- o ONVIF / PSIA / CGI Compliant



SPECIFICATIONS

Optical Camera

Imaging Device	1/1.8" Progressive Scan CMOS
Resolution	12 MP
Effective Pixels	12,288,000
Field of View (H)	2.8-12mm: 91° ~ 27°
Min. Distance to Object	12" (300mm)
Min. Illumination	0.01Lux @ (F1.2, AGC ON) ,0 Lux with IR
Day Night Type	IR cut filter with auto switch
Wide Dynamic Range	120 dB
Electronic Shutter	Auto (1/25-1/10,000s)
Gain Control	AGC Off / Low / Medium High

Encoding

Video Compression	H.264 / MJPEG
Frame Rate	(4000x3072 @ 20fps or 3072x3072 @ 25/24fps) 25 fps @ (3072x2048), 30 fps @ (3072x1728, 2560x2048, 2560x1920, 2048x1536, 1920x1080, 1280x720) @ 60 Hz (25 fps @ 50 Hz)
Streaming	Unicast / Multicast; Main Stream: 2592x1944/2048x1520/1080p, Sub Stream: 720P/D1/VGA/QVGA
Audio Compression	G.711u/d

Network

Alarm Trigger	Motion (up to 5 zones), Smart Detection, Smart Streaming, FTP, E-mail, Browser, CMS
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1X, QoS, HTTPS, IPv4 (SIP, SRTP, IPv6 optional) IGMP, SNMP, FTP, 802.1X, QoS, HTTPS, IPv4 (SIP, SRTP, IPv6 optional)
Security	HTTPS(SSL) login authentication, Digest login authentication IP address filtering, User access log, 802.1x authentication
System Compatibility	ONVIF, PSIA, CGI, iOS, Windows Mobile, Android
Communication Interface	1 RJ45 10M/ 100M ethernet interface

Additional Features

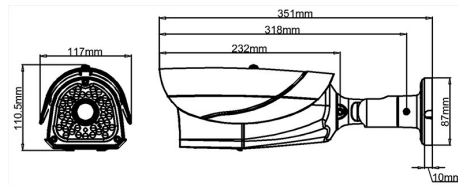
Noise Reduction	3D DNR (Auto, Manual 1-256)
Auto White Balance	√
Alarm Input/Output	1/1
Audio Input/Output	Bidirectional: 1-ch 3.5 mm audio interface, MIC IN/LINE IN; 1-ch 3.5mm audio interface (line level, 600 Ω) Output

CAM-IPE-12B-VM

On-board storage	MicroSD Slot (up to 64GB)
Additional Features	Smart Tracking, Face Detection, Intrusion/Line Crossing/Zone Enter/Exit Analytics, Audio Detection, Region-of-interest (x24), Defog, Privacy Masking (up to 24 zones)
Environment	
Ingress Protection	IP66, IK10
Vandal Proof	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Operating Temperature	-22 ~ 140° F (-30 ~ 60° C)
Operating Humidity	≤ 95% non-condensing
Electrical	
Input Voltage	DC 12V± 10%, PoE (802.3af)
Power Consumption	Max 5 W (Max 7 W with IR cut filter on)
General	
Weight	2.65 lbs (1200 g)
Dimensions	3.86" x 3.49" x 10.18" (98 x 88.6 x 258.6 mm)
Warranty	5 Years

AVAILABLE MODELS

Part number	Description
CAM-IPE-12B-VM	12 MP H.265 / H.264 60MIR Bullet Network Camera



CAM-IPE-12B-VM

Aventura and the Aventura logo are registered trademarks of Aventura Technologies, Inc. Specifications subject to change without notice. Copyright © 2018. All rights reserved. Rev: 020218

Aventura - World Headquarters
 48 Mall Drive Commack NY 11725 USA
 Tel: 631-300-4000 | Fax: 631-434-7000
www.aventuracctv.com