

- 7.3MP HD 4096 × 1800 @30fps/25fps
- 20 channel live view, Dual Stream
- Ultra Low light, Defog, WDR
- Built in Analytics
- IK10 Protection



Aventura's new line of ultra-low light Smart cameras have the ability to capture high definition images in all lighting conditions, including dark or poorly lit areas. This comprehensive line of cameras includes full HD resolution with PoE, Defog, and 3D DNR for a myriad of scenarios.

KEY FEATURES

- +7.3MP HD 4096 × 1800 @30fps/25fp
- +20 channel live view, Dual Stream
- +Ultra Low light, Defog, WDR
- +Built in Analytics
- +IK10 Protection
- +128G Micro SD/SDHC/SDXC storage support
- +10M/100/1000M Ethernet Port
- +Alarm I/O
- +Multi level user authentication management
- + User and password authorization
- + IP filtering

SPECIFICATIONS

Optical Camera	
Signal System	NTSC @ 30 fps, PAL @ 25 fps
Imaging Device	1/1.9" Progressive Scan CMOS
Resolution	7.3MP HD 4096 × 1800 @30fps/25fps
Lens	5mm x4 Lens (F 1.2)
Day Night Type	IR cut filter with auto switch
Wide Dynamic Range	120 dB
Scanning System	2:1 interlaced
Electronic Shutter	1/25 ~ 1/100,000 s
Auto Iris	√
Gain Control	AGC Off / Low / Medium High
Encoding	
Video Compression	H.264 / MJPEG
Video Bit Rate	32 Kbps ~ 16 Mbps
Frame Rate	1st Mode Main Stream: 25fps (4096×1800, 3840×1680) Sub Stream: 50Hz 25fps (704×320) 60Hz 30fps (704×320) 2nd Mode Main Stream: 50Hz 25fps (2400×3840, 1200×1920) Sub Stream: 50Hz 25fps (480×768) 60Hz 30fps (480×768, 320×512)
Streaming	Dual-Stream
Image Settings	Adjustable Saturation, Brightness, Contrast, and Sharpness

CAM-IPE-7D-4X5

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

Audio Compression	G.711
Audio Bit Rate	64 Kbps
Network	
Network Storage	NAS Support (SMB,NFS,CIFS)
Alarm Trigger	Motion detection, tampering alarm, network disconnect , IP address conflict, storage exception
Protocols	IPv6, IPv4, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
Security	User Authentication, Watermark, IP address filtering, Anonymous access
System Compatibility	ONVIF / PSIA / CGI
Communication Interface	1 RJ45 10M/100M/1000M Ethernet port, 1 RS-485 interface
Additional Features	
Built-In Analytics	RIO (Region of Interest), Tamper Deduction, Smart Cover, Smart Focus, Smart Noise Reduction, Smart Alarm Control
Noise Reduction	3D DNR (Auto, Manual 1-256)
Sense - up	Yes
Back Light Compensation	Auto/Manual
Auto White Balance	√
Alarm Input/Output	1 input, 1 output
Audio Input/Output	1-ch 3.5 mm audio in (Mc in/Line in)/out interface
Angle Adjust	Pan: 180°, Tilt:78.4°
Mounting	Wall/Ceiling
On-board storage	Micro SD/SDHC/SDXC slot (up to 128 GB)
Environment	
Operating Environment	Indoor/Outdoor (IP 66 Rated)
Enclosure Weatherproof Rating	IP66
Weatherproof	√
Ingress Protection	IP66, IK10
Vandal Proof	√
Heater	Optional
Blower	Optional
Storage Temperature	-40 ~ 158 °F (-40 ~ 70° C)
Storage Humidity	95% maximum relative humidity, non-condensing
Operating Temperature	-22 ~ 140° F (-30 ~ 60° C)
Operating Humidity	≤ 95% non-condensing
Electrical	
Input Voltage	DC 12V± 10% / PoE (AC 24V optional)
Power Consumption	22W
General	
Weight	6.17 lbs (2800 kg)
Regulatory Type	CE, FCC, RoHS, UL
Encrypted Watermark	AES / MD5
Warranty	3 Years

AVAILABLE MODELS

Part number	Description
CAM-IPE-7D-4X5	360 Degree H.265 / H.264 Panorama HD Multi Head Dome Camera

CAM-IPE-7D-4X5

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

Aventura™

CAM-IPE-7D-4X5

CAM-IPE-7D-4X5



CAM-IPE-7D-4X5

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