

# AVR-4M308

8 Channel 2U Pentabrid Recorder



## FEATURES

- Embedded processor
- Supports HDAVS / AHD / CVBS / TVI / IP video inputs
- Max 256Mbps Incoming Bandwidth, 384Mbps Forwarding Bandwidth
- Smart H.264 dual-stream video compression
- Max 64 channels IP camera inputs, up to 12MP per channel
- Smart Search and Intelligent Video System

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### IC Realtime LLC

3050 N Andrews Avenue Extension  
 Pompano Beach, FL 33064  
 (866) 997-9009

[www.icrealtime.com](http://www.icrealtime.com)



# SPECIFICATIONS

System	
Main Processor	Embedded Processor
Operating System	Embedded LINUX

Display	
Interface	2 HDMI (HDMI1 up to 4K), 1 VGA, 1 TV
Resolution	3840x2160, 2560x1440, 1920x1080, 1280x1024, 1280x720, 1024x768
Split	1 / 4 / 8 / 9 / 16 / 25 / 36
Privacy Masking	4 rectangular zones (per camera)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, & Recording

Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396 (22x18), Video Loss, Tampering, & Diagnosis
Alarm Input	8
Relay Output	6 Channel

Playback & Backup	
Sync Playback	1 / 4 / 9 / 16
Search Mode	Time/Date, Alarm, MD, & Exact search (accurate to second)
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, & Digital zoom
Backup Modes	USB Device or Network

Storage	
Internal HDD	8 SATA ports, up to 64TB
eSATA	1

Auxiliary Interface	
USB	4 USB Ports (2USB 2.0 , 2 USB 3.0)
RS232	1 port, For PC communication & keyboard
RS422	1 port, for PTZ control
RS485	1 port, for PTZ control
LOOP	HDAVS / CVBS 8 BNC

Audio & Video	
HDAVS Camera Input	8 channel
IP Camera Input	up to 64 Channels, each channel up to 12MP

Audio In/Out	8 Channel input, 1 Channel output, BNC
Two-way Talk	1 MIC IN, 1 MIC OUT, BNC (independent)

Recording	
Compression	H.264+ / H.264
Resolution	4K, 4MP, 1080P, 720P, 960H, D1, HD1, BCIF, CIF, & QCIF
Record Rate	Main stream: Channels 1 & 9: 4K (1 ~ 15fps) / 4MP (1 ~ 30fps) , Channels 2-8: 4MP (1~15fps); 1080P / 720P / 960H / D1 / HD1 / BCIF / CIF / QCIF (1 ~ 30fps) Sub Stream:960H / D1 / CIF / QCIF (1 ~ 30fps)
Bit Rate	1Kbps ~ 12288Kbps Per Channel
Modes	Manual, Schedule (Regular, Continuous), MD (Video Detection: Motion Detection, Video Loss, & Tampering), Alarm, & Stop
Interval	1 ~ 60 min (default: 60 min) Pre-record: 1 ~ 30 sec Post-record: 10~300 sec

Network	
Interface	2 RJ-45 Port (1000M)
Functions	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, & IP Search
Max. User Access	128
Smart Phone	Android & iOS
Interoperability	ONVIF 2.42, CGI Conformant

Electrical	
Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	<40W (w/o HDD)

Environmental	
Operating Conditions	14°F ~ 131°F / -10°C ~ 55°C; 0 ~ 90% RH
Storage Conditions	-4°F ~ 158°F / -20°C ~ 70°C; 0 ~ 90% RH

Construction	
Dimensions (WxDxH)	2U; 17.3"x17.9"x3.7" / 440mmx455mmx95mm
Net Weight	18.17lbs / 8.24kg (w/o HDD)
Gross Weight	20.9lbs / 9.48kg (w/o HDD)
Installation	Desktop / Rack



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