AVR-4M108

Tribrid HDAVS, Analog, & IP Mini 1U AVR

HD over Coax just got smarter – introducing our new lineup of HD-AVS recorders with Advanced Intelligence: The AVR-4M100 Series of recorders. The AVR4M100 is our latest HD-AVS recorder supporting the new 4 MP HD-AVS standard. These recorders come in a sleek mini 1U chassis, and have support for up to 6TB of storage internally. The AVR4M100 class is also a Tribrid series of recorders, meaning it supports CVBS (standard def, composite video), HD-AVS, as well as IP camera recording. This AVR is equipped with 4K HDMI video output and supports SmartSearch, as well as the Advanced Intelligence video suite of software. Due to its wide array of supported camera formats and cutting edge features, the AVR-4M100 series is a great candidate for installations in both residential and commercial settings.

FEATURES

- → 8 + 4 IP camera inputs, up to 5MP
- → Max 48Mbps Incoming Bandwidth
- → H.264+ / H.264
- → Supports HDAVS / CVBS video inputs
- → HDMI output up to 4K (3840×2160) resolution
- → Smart Search & Intelligent Video System

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IC Realtime LLC
3050 N &rews Avenue Extension
Pompano Beach, FL 33064
(866) 997-9009
www.icrealtime.com

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SPECIFICATIONS

System	
Main Processor	Embedded processor
Operating System	Embedded LINUX

Display	
Interface	1 HDMI (up to 3840 × 2160), 1 VGA
Resolution	3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720, & 1024 × 768
Split	1 / 4 / 8 / 9 / 16
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 (22 × 18), Video Loss, & Camera Blank

Playback & Backup	
Playback Sync	1 / 4 / 9
Search Mode	Time / Date, Alarm, MD, & Exact Search (accurate to second)
Playback Function	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 Options	USB Device or Network

Storage	
Internal HDD	1 SATA Port, up to 6TB
HDD Mode	Single

Auxiliary Interface	
USB	2 USB Ports (1 USB 2.0 , 1 USB 3.0)
RS485	1 Port, for PTZ Control

Audio & Video	
HDAVS Camera Inputs	8 Channel
IP Camera Inputs	8 + 4 Channel, each channel up to 5MP
Audio In / Out	1 / 1
Two-way Talk	1 Channel Input, 1 Channel Output, RCA

Recording	
Compression	H.264+ / H.264
Resolution	4MP, 1080P, 720P, 960H, D1, HD1, BCIF, CIF, & QCIF
Rate	Main stream: 4MP (1 ~ 15fps) 1080P / 720P / 960H / D1 / HD1 / BCIF / CIF / QCIF (1 ~ 30fps) Sub stream:D1 / CIF / QCIF (1 ~ 30fps)
Bit Rate	32Kbps ~ 6144Kbps Per Channel
Modes	Manual, Schedule (Regular, Continuous), MD (Video detection, Motion Detection, Video Loss, Tampering), Alarm, & Stop
Interval	1 ~ 120 min (default: 60 min) Pre-record: 1 ~ 30 sec Post-record: 10 ~ 300 sec

Network	
Interface	1 RJ-45 Port (1000M)
Functions	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, & IP Search
Max. User Access	128
Smart Phone	Android, iOS, & Windows
Interoperability	ONVIF 2.4.1, CGI Conformant

Electrical	
Power Supply	DC12V / 2A
Power Consumption	< 15W (w/o HDD)

Environmental	
Operating Conditions	14°F ~ +131°F / -10°C ~ 55°C; 86 ~ 106kPa
Storage Conditions	32°F ~ 122°F / 0°C ~ 50°C; 0 ~ 90% RH

Construction	
Dimensions	Mini 1U, 12.8" x 10" x 2.2"; 325mm × 255mm × 55mm
Net Weight	3.3lbs / 1.5 kg (w/o HDD)
Gross Weight	4.4lbs / 2kg
Installation	Desktop

Check Out Our Mobile App Lineup

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