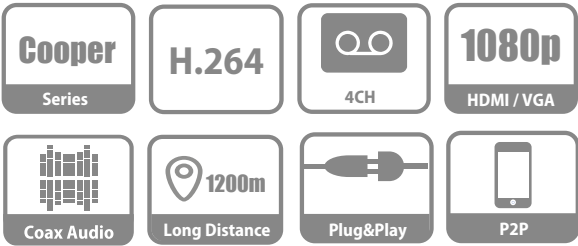# KBVISION

KX-AW7104NTTSD6

4 Channel Penta-brid 1080N/720P Cooper 1U Digital Video Recorder

· H.264 video compression
· Supports HDCVI/AHD/TVI/CVBS/IP video inputs
· Max 5/10 channels IP camera inputs, each channel up to 2MP; Max 20Mbps Incoming Bandwidth
· Long transmission distance over coax cable
· Supports 1 SATA HDD, up to 6TB

Cooper Series	H.264	4CH	1080p HDMI / VGA
Coax Audio	1200m Long Distance	Plug&Play	P2P

Technical Specification

System

Main Processor	Embedded Processor
Operating System	Embedded LINUX

Video and Audio

Analog Camera Input	4 Channel, BNC
HDCVI Camera	1080P@25/30fps, 720P@25/30fps
AHD Camera	1080P@25/30, 720P@25/30fps
TVI Camera	1080P@25/30, 720P@25/30fps
CVBS Camera	PAL/NTSC
IP Camera Input	4+1, each channel up to 2MP
Audio In/Out	1/1, RCA
Two-way Talk	Reuse audio in/out, RCA

Recording

Video Compression	H.264
Resolution	1080N, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main Stream: All channel 1080N/720P/960H/D1/HD1/BCIF/CIF/QCIF(1~25/30fps) Sub steram: CIF/QCIF (1~15fps)
Video Bit Rate	32Kbps ~ 4096Kbps Per Channel
Record Mode	Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Audio Compression	AAC(only for the 1st channel), G.711A, G.711U, PCM
Audio Sample Rate	8KHz, 16 bit Per Channel
Audio Bit Rate	64Kbps Per Channel

Display

Interface	1 HDMI ,1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024x768
Multi-screen Display	When IP extension mode not enabled 1/4 When IP extension mode enabled: 1/4/6
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Network

Interface	1 RJ-45 Port (100M)
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter ,DDNS, FTP, Alarm Server, P2P,IP Search (Supports IP camera, DVR, NVS, etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 16.12, CGI Conformant

Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis
Alarm input	N/A
Relay Output	N/A

Playback and Backup

Playback	1/4
Search Mode	Time /Date, Alarm, MD and 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 Mode	USB Device/Network

Storage

Internal HDD	1 SATA Port, up to 6TB capacity
eSATA	N/A

Auxiliary Interface

USB	2 USB 2.0
RS232	N/A
RS485	N/A

Electrical

Power Supply	DC12V/1.5A
Power Consumption (Without HDD)	<10W

Construction

Dimensions	Cooper 1U, 197mm×192mm×41mm (7.8"×7.6"×1.6")
Net Weight (without HDD)	0.55kg (1.2lb)
Gross Weight	1kg (2.2lb)
Installation	Desktop installation

Environmental

Operating Conditions	-10°C ~ +45°C (+14°F ~ +113°F), 10~ 90% RH
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F) , 0~ 90% RH

Third-party Support

Third-party Support	Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more

Dimensions(mm)