DHI-XVR7104C
4 Channel Penta-brid 1080P Smart 1U Digital Video Recorder

· Embedded processor
· H.264+/H.264 dual-stream video compression
· Support HDCVI/AHD/TVI/CVBS/IP video inputs
· Max 6 channels IP camera inputs, each channel up to 5MP
· Max 24 Incoming Bandwidth
· Smart Search and Intelligent Video System

| Pro Series | Smart H.264+ | 4CH | Plug&Play | P2P | 1080p HDMI / VGA |

System Overview

Dahua, as a technology leader, is always the first ever developed the shining new technology in the security industry ,and today we present XVR.As the perfect solution to upgrade existing video surveillance systems, XVR supports penta-brid access technology such as HDCVI, AHD, TVI, CVBS and IP to effortlessly integrate with popular industry formats, offering an affordable solution loaded with flexible options. It supports up to 4 channels of HDCVI/ AHD/TVI/CVBS inputs, and 2 channels IP camera additionally.

Designed as a full compatibility product, XVR is able to provide end user the simplicity of analog system, namely lower system cost, simple installation and use of existing cable. It is ideal for a wide range of applications such as public safety, retail store, transportation, home protection and education.

Functions

Smart H.264+
Smart Codec, H.264+ can reduce up to 70% bit rate and storage requirements without having to invest in new cameras.

HDCVI/AHD/TVI/CVBS Auto-detect
The XVR can auto recognize the signal of front-camera without any setting. It makes operation more friendly and convenient.

5MP Resolution
The XVR supports 5MP HD resolution (2560 x 1920) IPC input for recording, live viewing.

Intelligent Video System (IVS)
With built-in intelligent video analytics, the XVR has the ability to detect and analyze moving objects for improved video surveillance. The XVR provides optional standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a pre-determined line has been crossed.

Face Detection
It is a type technology being used in a variety of applications that search or identify individuals which show front cameras.

Smart Search
This function helps you get more motion detect video during a short time through drawing a region when playback. It is very useful when an emergency occurs.

ONVIF

Technical Specification

System

Main Processor	Embedded Processor
Operating System	Embedded LINUX

Display

Interface	1 HDMI ,1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Multi-screen Display	1/4/6
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

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
Alarm input	--
Relay Output	--
Tracking Trigger Event	--

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
HDD Mode	Single
eSATA	--

Auxiliary Interface

USB	2 USB Ports (2 USB 2.0)
RS232	--

Third-party Support

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

Audio and Video

HDCVI Camera Input	4 Channel
IP Camera Input	4+2 Channel, each channel up to 5MP
Audio In/Out	1/1
Two-way Talk	Reuse audio in/out, RCA

Recording

Compression	H.264+/H.264
Resolution	1080P, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main stream: 1080P/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps) Sub steram:D1/CIF/QCIF(1~25/30fps)
Bit Rate	1Kbps ~ 6144Kbps Per Channel
Record Mode	Manual, Schedule (Regular, 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

Network

Interface	1 RJ-45 Port (100M)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, Alarm Server, P2P,IP Search (Support Dahua IP camera, DVR, NVS, etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4.1, CGI Conformant

Electrical

Power Supply	DC12V/2A
Power Consumption	<10W (Without HDD)

Environmental

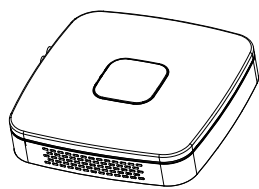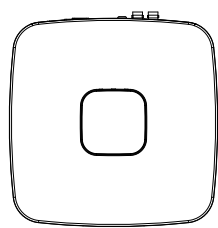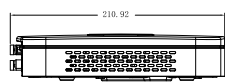|	
Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	0°C ~ +50°C (+32°F ~ +122°F), 0 ~ 90% RH

Construction

Dimensions	Smart 1U, 205mm×211mm×45mm (8.1"×8.3"×1.8")
Net Weight	0.5kg (1.1lb) (without HDD)
Gross Weight	1kg (2.2lb)
Installation	Desktop installation

Certifications

CE	EN 55032: 2012+AC 2013 (Class B) EN 61000-3-2 : 2014 EN 61000-3-3 : 2013
FCC	CISPR PUB. 22, FCC Part 15 Subpart B and ICES 003 Issue 6
UL	IEC 61000-4-3 : 2006+A1:2007+A2:2010

Ordering Information

Type	Part Number	Description
4 Channel XVR	DHI-XVR7104C	4 Channel Penta-brid 1080P Smart 1U Digital Video Recorder

Rear Panel

DHI-XVR7104C

Dimensions (mm)