

WS-D7104/08GT

4/8 Channel Penta-brid 1080P Ultra Mini 1U Digital Video Recorder



- Embedded processor
- H.264 dual-stream video compression
- Support HDCVI/AHD/TVI/CVBS/IP video inputs
- Each IP channel up to 2048x1536@30FPS, 8Mbps per channel
- Long transmission distance over coax cable
- Support 2 SATA HDD, each up to 8TB
- P2P and Cloud Support



System Overview

Western Security, as a technology leader, is always the first ever developed the shining new technology in the security industry, and today we present Pentabrid recorders. As the perfect solution to upgrade existing video surveillance systems, this model 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 16 channels of HDCVI/ AHD/TVI/CVBS or IP inputs.

Designed as a full compatibility product, this model 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

HDCVI/AHD/TVI/CVBS Auto-detect

This model can auto recognize the signal of front-camera without any setting. It makes operation more friendly and convenient.

3MP Resolution

This model supports up to 3MP HD resolution (2048x1536) IPC input for recording and live viewing.

BNC Output

This model has BNC output integrated and as such is suitable for installation for CCTV systems in buildings.



Technical Specification

System

Main Processor	Embedded Processor
Operating System	Embedded Linux

Display

Interface	1 HDMI, 1 VGA, 1 BNC
Resolution	4CH: 1920x1080, 1280x1024, 1280x720, 1024x768 8CH: 4K (3840x2160), 1920x1080, 1280x1024, 1280x720, 1024x768
Multi-screen Display	4CH: 1/4 8CH: 1/4/8
OSD	Camera Title, Time, Video Loss, Camera lock, Motion Detection, Recording

Video Detection and Alarm

Trigger Events	Recording, Email
Video Detection	MD, Zones: 396(22x18), Sensitivity 1~6

Playback and Backup

Playback	Synchronized Playback
Playback Function	4CH: 2x1080p@60fps, 4x720p@120fps 8CH: 4x1080p@120fps, 8x720p@240fps
Backup Mode	USB, HDD, Network

Storage

Internal HDD	4/8CH: 2 SATA Port, each up to 8TB capacity
Cloud Storage	Dropbox, Google Drive
eSATA	N/A

Auxiliary Interface

USB	2 USB 2.0
RS485	N/A

3rd Party Support

3 rd Party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and more
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Audio and Video

Camera Input	4/8 Channel, BNC
Audio In/Out	4/8CH : 1/1, RCA

Recording

Compression	H.264
Resolution	1080P, 720P, 960H
Record Rate	1080P (1~30fps)
Bit Rate	1Kbps ~ 6144 Per Channel
Record Mode	Manual, Schedule (Regular, Continuous, MD)

Network

Interface	1 RJ-45 Port (100M)
Network Function	HTTP, TCP/IP, IPv4, SMTP, DHCP, DNS, P2P
Max. User Access	128 Users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.42

Electrical

Power Supply	DC12V/3A
Power Consumption	<10W (Without HDD)

Environmental

Operating Conditions	0°C ~ +45°C, 10~90% RH
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Construction

Dimensions	Mini 1U, 335x275x50mm
Weight	2.5Kg (without HDD)
Installation	Desktop Installation

Certifications

CE	EN55032, EN55024, EN61000-3-2, EN61000-3-3
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Ordering information

Type	Part Number	Description
4/8 Channel Pentabrid Recorder	WS-D7104GT	4 Channel Penta-brid 1U Digital Video Recorder
	WS-D7108GT	8 Channel Penta-brid 1U Digital Video Recorder

