



# 30450713SL

## Jupiter Series – Jupiter-16ch-SL H.264 D1 High Resolution Pentaplex DVR - 16 Channel

### Features



- ✓ H.264 compression chip, cost-effective.
- ✓ Pentaplex function: Live, Recording, playback, backup & remote access.
- ✓ Realtime live display up to 16 cameras, 480/400 fps recording for D1.
- ✓ Multiple control methods: Front panel, IR remote controller, keyboard, USB mouse and network keyboard.
- ✓ Support smart video detection: Motion detection, camera blank, video loss.
- ✓ Support 8 SATA HDD up to 8TB
- ✓ Support smart camera settings: privacy masking, camera lock, color setting, and title display.
- ✓ Pan Tile Zoom and Speed Dome Control: more than 60 protocols supported, preset, scan, auto pan, auto tour, pattern, auxiliary function supported.  
And with 304503x Speed Dome, 3D intelligent positioning function supported.
- ✓ 16-Ch video input and 2-Ch TV output BNC, 1 VGA video output.
- ✓ 16-Ch video loop-out and 1-Ch video matrix, 1-output up to 16 channels.
- ✓ 4-Ch audio input and 1-Ch bi-direction audio input, 1-Ch audio output.
- ✓ Video Resolution: Format: D1 , NTSC:720x480 , PAL: 704x576
- ✓ D1: NTSC: 1~30fps, PAL:1~25fps.
- ✓ Backup : DVD-RW, CD-RW, USB memory, network download, Flash disk.
- ✓ RS-485 port for Pan / Tilt / Zoom control
- ✓ Playback: Channel selectable by single touch button during playback
- ✓ Alarm triggering screen tips, buzzer, PTZ preset, e-mail, FTP upload.
- ✓ Remote view through IE browser or free bundled client software
- ✓ Smart HDD Management: non-working HDD hibernation, HDD faulty alarm, Raid function.
- ✓ Compatible with 30450710 Center control software (optional).
- ✓ Compatible with 3045079 Multi-DVR network keyboard control (optional).
- ✓ Compatible with 30450720 MPEG-4 video and audio decode card (optional).



# 30450713SL

## Specifications

### System

Processor	High performance embedded microprocessor
Operating System	Embedded LINUX

### Video

Video Input	16 channel, BNC, 1.0Vp-p,75
Video Output	2 channel TV output, BNC 1 channel VGA output
Video Standard	NTSC:525Lines, 60Hz PAL :625Lines, 50Hz
Video Compression	H.264
Video Resolution	NTSC: 720 x 480@480fps PAL : 704 x 576@400fps
D1 Recording Resolution/Resource	NTSC:720 x 480@480fps PAL :704 x 576@400fps
Video Display Split	1 window, 1, 4, 9, 16 channel at one window
Tour Display	Support
Image Quality	1~6 level (level 6 is the best)
Camera Adjustment	Adjust color according to different time period
Video Information	Camera title, time, video loss Camera lock, motion detection Recording
TV adjustment	Adjust TV output color & display zone
Privacy Masking	Self-defined four-sided zone for privacy masking for each camera

### Audio

Audio Compression	G.711
Audio Input	16 channel, RCA 200-2800mV, 30KΩ
Audio Output	1 channel, RCA 200-3000mV, 5KΩ
Bi-direction	1 channel, RCA 200-2800mV, 30KΩ

### Video Detection & Alarm

Motion Detection	22 x 15 = 330 areas (NTSC) 22 x 18 = 396 areas (PAL)
Video Loss & Video blank	Trigger recording, PTZ movement, tour alarm, e-mail &FTP
Alarm Input	16 channel
Relay Output	6 channel

### Network

Interface	RJ-45 port (10/100M)
Network Function	TCP/IP, DHCP, DDNS PPPOE, E-MAIL,FTP
Remote operation	Monitor, PTZ control playback, system setting file download log information



# 30450713SL

## Specifications

### Record, Playback & Backup

Recording Mode	Manual, continuous, alarm, Video loss, Video detection (including motion detection, camera blank)
Recording Priority	Manual > Alarm > Video detection > Continuous
Recording Interval	1 to 120 min (default : 60 min)
Playback	2 windows 2-ch playback simultaneously
Search Mode	Time/Date, Alarm, Motion detection & exact search (accurate to second)
Backup Mode	Flash stick, USB HDD, USD CD-RW, USB DVD-RW Network

### Environment

Power Supply	115V / 230V
Power Consumption	25W/30W/40W
Working Temperature	-10°C~+55°C
Working Humidity	10% ~ 90%
Atmosphere Pressure	86kpa ~ 106kpa
Dimension	2U, 440x460x89mm
Weight	7.0kg (without HDD)
Mounting	Desktop or rack

### Auxiliary Interface

USB interface	2 ports
RS-232	PC communication
RS-485	Pan/Tilt/Zoom control

### Hard Disk

Hard disk	8 SATA ports (for 16 channel)
Space Occupation	Audio: 14.4MB/H Video: 56~400MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid (Redundancy)

### Package Contains

- DVR x 1
- Power cable x 1
- Ethernet cable x 1
- Extensional cable x 1
- Remote control x 1
- USB mouse x 1
- Accessories x 1
- CD-ROM (included user manual, client software..) x 1

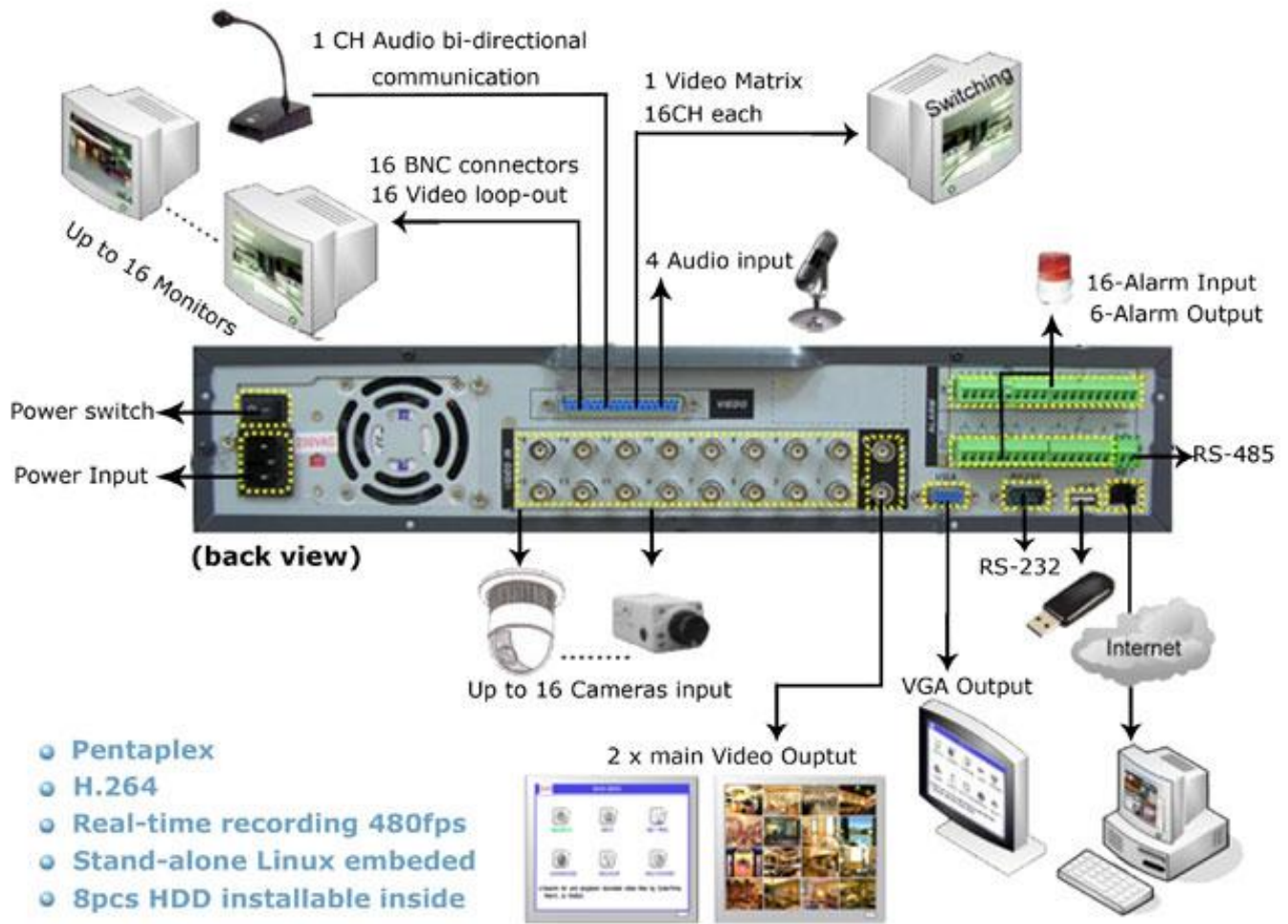
Digital Video Recorder

DVR



# 30450713SL

## Back View & Application



Digital Video Recorder

DVR