

Saturn Series – Saturn-8ch-SL 30450717SL H.264 CIF/D1 Resolution Pentaplex DVR with Video Loop-Out, Matrix and Audio - 8 Channel

Features:

- H.264 compression chip, cost-effective, DSP format
- Pentaplex operational mode : Recording, playback, remote viewing, back up, live viewing, simultaneously
- Support 4-ch playback simultaneously
- Support SATA Hard Disk, up to 8pcs
- Live view resolution / resource
NTSC : 720 x 480 @ 240fps
PAL : 704 x 576 @ 200fps
- Recording resolution / resource
Real time mode
NTSC : 360 x 240 @ 240fps
PAL : 352 x 288 @ 200fps
Non- real time mode
NTSC : 720 x 480 @ 60fps
PAL : 704 x 576 @ 50fps
- 8-Ch video input and 2-Ch video output
- 8-Ch looping output and 1-Ch digital matrix (each ch with 6 video)
- 4-Ch audio input and 1-Ch audio bi-way communication
- 16 suits of alarm inputs and 6 suits of alarm outputs
- Supports USB mouse
- Backup : DVD-RW, CD-RW, USB memory
- RS-485 port for Pan / Tilt / Zoom control
- Remote view through IE browser or free bundle PSS software
- Compatible with 30450710 Center control software (option)
- Compatible with 3045079 Multi-DVR network keyboard control (option)
- Compatible with 30450720 MPEG-4 video and audio decode card (option)



Specifications:

| System | | | |
|---------------------|---|---|---|
| Processor | High performance embedded microprocessor | Operating System | Embedded LINUX |
| Video | | | |
| Video Input | 8 channel, BNC, 1.0Vp-p, 75 | Video Output | 2 channel TV output, BNC 1 channel VGA output |
| Video Standards | NTSC (525Lines, 60Hz) PAL (625Lines, 50Hz) | Video Compression | H.264 |
| Video Resolution | NTSC : 720 x 480 @ 240fps PAL : 704 x 576 @ 200fps | Half-D1 Recording Resolution / Resource | NTSC : 360 x 240 @ 240fps PAL : 352 x 288 @ 200fps |
| Video Display Split | 1, 4, 9 | D1 Recording Resolution / Resource | NTSC : 720 x 480 @ 60fps PAL : 704 x 576 @ 50fps |
| 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, motion detection, recording |
| TV adjustment | Adjust TV output color & display zone | Privacy Masking | Self-defined four-side zone for privacy masking for each camera |

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Specifications:

| Video Loop-Out, Matrix and Audio | | | |
|----------------------------------|--|------------------------------------|--|
| Video Matrix | 8-channel, 1-output | Video Loop-out | 8 channel |
| Audio Input | 4 channel | Audio bi-directional Communication | 1 channel |
| Video Detection & Alarm | | | |
| Motion Detection | 22 * 18 = 396 areas (PAL) 22 * 15 = 330 areas (NTSC) | Video Loss | Trigger recording, alarm |
| Alarm Input | 16 channel | Relay Output | 6 channel |
| Record, Playback & Backup | | | |
| Recording Mode | Manual, continuous, MD, alarm, schedule | Recording Priority | Manual>alarm>MD> continuous |
| Recording Interval | 1 to 120 min. (default : 60min) | Playback | 4 channel playback simultaneously |
| Search Mode | Time/Date, Alarm, MD | Backup Mode | Flash stick, USB HDD, USB CD-RW, USB DVD-RW, Network |
| Network | | | |
| Interface | RJ-45 port (10/100M) | Network Function | TCP/IP, DHCP |
| Remote operation | Monitor, PTZ control, playback, system setting, file download, log information | | |
| Auxiliary Interface | | | |
| USB interface | 2 ports | RS-232 | PC communication |
| RS-485 | Pan/Tilt/Zoom control | | |
| Environment | | | |
| Power Supply | 115V 60HZ / 230V 50Hz | Power Consumption | 40W |
| Working Temperature | -10℃ ~ +55℃ | Working Humidity | 10% ~ 90% |
| Atmosphere Pressure | 86kpa ~ 106kpa | Dimension (W x D x H) | 2U, 440x460x89mm |
| Weight | 7.0kg (without HDD) | Mounting | Desktop or rack |

Saturn Series :

| Product Code | Model No. | Recording Resolution / Resource | | Audio | Video Loop-out | Video Matrix |
|----------------|------------|---|---|-------|----------------|-------------------|
| | | real time mode | non-real time mode | | | |
| Saturn-4ch-S | 30450716S | 360x240@120fps(NTSC) 352x288@100fps(PAL) | 720x480@30fps(NTSC) 704x576@25fps(PAL) | 4-ch | N/A | N/A |
| Saturn-4ch-SL | 30450716SL | 360x240@120fps(NTSC) 352x288@100fps(PAL) | 720x480@30fps(NTSC) 704x576@25fps(PAL) | 4-ch | 4-ch | 4-ch 1-output |
| Saturn-8ch-S | 30450717S | 360x240@240fps(NTSC) 352x288@200fps(PAL) | 720x480@60fps(NTSC) 704x576@50fps(PAL) | 8-ch | N/A | N/A |
| Saturn-8ch-SL | 30450717SL | 360x240@240fps(NTSC) 352x288@200fps(PAL) | 720x480@60fps(NTSC) 704x576@50fps(PAL) | 4-ch | 8-ch | 8-ch 1-output |
| Saturn-16ch-S | 3045078S | 360x240@480fps(NTSC) 352x288@400fps(PAL) | 720x480@120fps(NTSC) 704x576@100fps(PAL) | 16-ch | N/A | N/A |
| Saturn-16ch-SL | 3045078SL | 360x240@480fps(NTSC) 352x288@400fps(PAL) | 720x480@120fps(NTSC) 704x576@100fps(PAL) | 4-ch | 16-ch | 16-ch 1-output |

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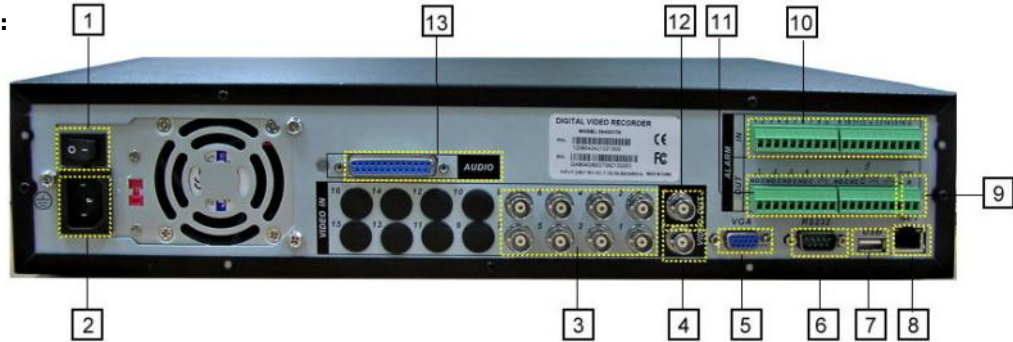
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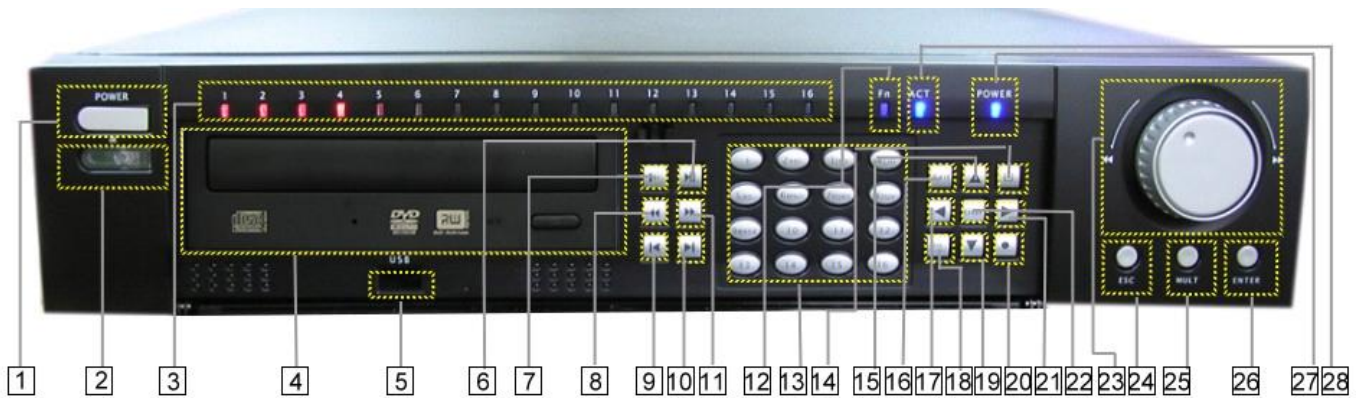
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Diagram Back View:



| | | | | |
|------------------|--------------------|---|-------------------|-----------------|
| 1. Power Switch | 2. Power Plug | 3. Video Input | 4. Video Output 2 | 5. VGA |
| 6. RS-232 | 7. USB | 8. RJ-45 | 9. RS-485 | 10. Alarm Input |
| 11. Alarm Output | 12. Video Output 1 | 13. Video Loop-out and Matrix, Audio Input and Output | | |

Diagram Front View:



| | | | | | |
|-----|------------------------|----|-----------------------|----|--------------------------|
| 1 | Power | 2 | Remote Receiver | 3 | Record indicator light |
| 4 | Panel for CD-RW | 5 | Front USB port | 6 | Play / Pause |
| 7 | Slow Play | 8 | Rewind | 9 | Play Last Section |
| 10 | Play Next Section | 11 | Forward | 12 | Function Indicator Light |
| 13 | Number Key | 14 | Single Window display | 15 | Up direction |
| 16 | Exit | 17 | Left Direction Key | 18 | Function |
| 19 | Down direction Key | 20 | Record | 21 | Right Direction Key |
| 22 | Enter | 23 | Outer Jog Shuttle | 24 | Exit |
| 25 | Multi-Windows Display | 26 | Enter | 27 | Stand by |
| 28. | Power Indication Light | | | | |

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, ASP software..) x 1

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