

Subject:

DVR Specification

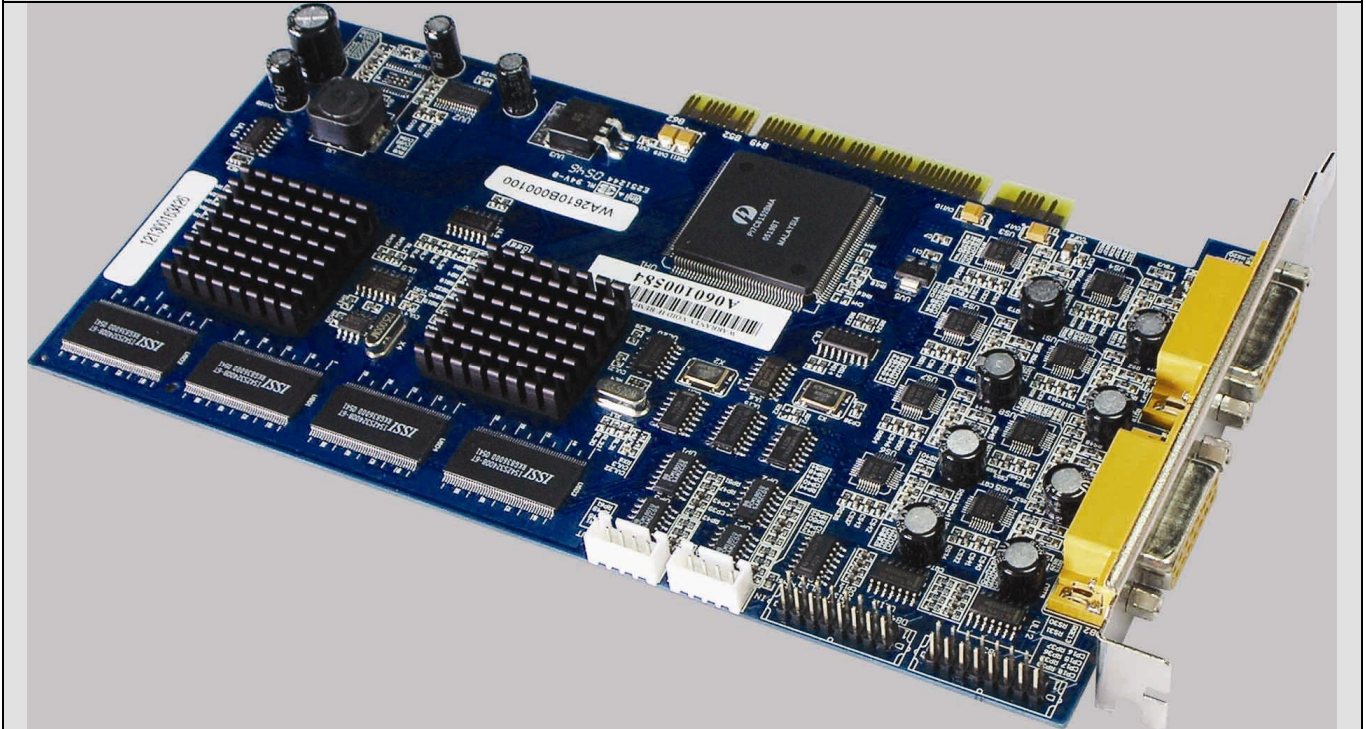
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Rev.:

1

SCB-5000 Series



Specifications

Model	SCB-5004	SCB-5008	SCB-5016
Video Input	4 Cameras	8 Cameras	16 Cameras
Audio Input	4 Channel	8 Channel	16 Channel
Maximum Cards	4 Cards	4 Cards	4 Cards
Display Rate	120 fps (NTSC), 100 fps (PAL)	240 fps (NTSC), 200 fps (PAL)	480 fps (NTSC), 400 fps (PAL)
Recording Rate	120 fps (NTSC), 100 fps (PAL)	240 fps (NTSC), 200 fps (PAL)	480 fps (NTSC), 400 fps (PAL)
Video Resolution	NTSC: 176x120; 352x240; 528x320; 704x480* PAL: 176x144; 352x288; 528x384; 704x576*		
Compression Format	Hardware Compression H.264		
Available I/O Card	N/A		
Available I/O Box	Supporting		
Hardware Watchdog	N/A		
Dimension	154 (W) x 95 (H) mm	201 (W) x 109 (H) mm	265 (W) x 125 (H) mm
Software Version	NUUO H.264 Hybrid system v3.0.0		

System Minimum Requirements

OS Supported	Windows 2000 / Windows XP / Windows 2003
CPU	Pentium 4 – 2.8 GHz
RAM	512 MB
HDD	80 GB
Mother-board	Intel 945 or 965 chip, Intel Chipset and ASUS motherboard recommended
Display	ATI Radeon 9200, nVIDIA GeForce FX-5200, Intel 945 / 965, or above (ATI recommended)

* Support SCB-5004R to record 2ch @ D1 resolution, SCB-5008R to record 4ch @ D1 resolution, SCB-5016R to record 8ch @ D1 resolution at always record mode (need to close Remote Live Viewer Server)

NUUO Software

Main Features

- Combine IP+ license to expend a hybrid system
- Dual Monitor Display (H.264 system only support this feature with IP+ license)
- User-Define Preset for analog speed dome.
- Digital PTZ and Multi-dynamics viewer (need IP+ license)
- Support Megapixel cameras, IP cameras and video servers (need IP+ license)
- Smart detection of 6 different events
- 8 Immediate reaction for event detection
- Counting Application
- I/O Devices Integration
- Multifunctional Playback System with Intelligent Search
- Remote live viewer, playback backup, IO control, desktop configuration
- Alarm source of NUUO Central Management system
- Compatible with Joystick
- Most Friendly Graphic User Interface
- Execute recording, smart guard ...etc. in the background after logout system.

Specifications

- **Video Feature**
 - Duel Monitor - Enable Monitor maximum 64 channels with two screens. (SCB-5000 Series can be supported this feature only in hybrid system.)
 - Audio & video recording in synchronization.
 - Support several signal input - IP camera and Video Server.
- **Live Display**
 - Display Maximum 64 channels under several modes & full screen. (SCB-5000 Series can be supported this feature only in hybrid system.).
 - Dual screen Support.
 - Focus on important area : Users could set one screen to watch general cameras and the other one to watch important cameras.
 - Live view and playback at the same time : Users could set one screen to watch live view and the other one to playback.
 - Spot monitor application : Detected event can popup in the secondary monitor while the primary one is playing live view video.
 - Combine SCB-IP+ product can reach 64 channel management.
 - Adjustable monitor windows. Support 1/4/6/9/10/13/16/25/36/49/64 divided windows with full screen and display in turns function.
 - Multiple Show - support to view in the different divisions from single video resource.
- **PTZ control**
 - PTZ Preset point – save the definition of PTZ camera lens as a preset point and allow camera quickly move to the location.
 - Patrol – allow camera to patrol around the route combined by preset points.
 - Digital PTZ - support to focus on anywhere you want to highlight of the video.
 - Digital PTZ and Multiple Show support to focus on everywhere you want to highlight in the different divisions from single video resource.
 - User-Define Preset for analog speed dome can trigger the extra-function of speed dome itself such as auto-tracking, login menu of camera...etc.
- **Smart Detection**
 - Smart detection of 9 different events

- General Motion
- Missing Object
- Foreign Object
- Lose Focus
- Camera Occlusion
- Signal Lost
- Signal Digital Input
- System alarm at Disk Space Exhausted
- System alarm at System Health Unusual

■ Immediate reaction for event detection:

- On Screen Display
- Play Sound
- Send E-mail
- Phone Call
- PTZ Preset Go
- Signal Digital Output
- [Send a SMS message](#)
- [Send to Central Server](#)

• **Recording and Schedule**

- Video compression – H.264 (only support to compress video of analog cameras with SCB-5000 series), MPEG4, and M-JPEG.
- Audio & video recording in synchronization.
- Auto recycling when storage disk is full.
- Recording mode – continuous record, record by event, record by digital input, record by motion, record by schedule, and manual record.
- Recording schedule – Record by daily, weekly, repeat schedule.
- Video and image could be saved in outer storage device such like DAS, NAS and SAN without any limitation if users want to increase it in the future.

• **Playback & Search**

- Playback Maximum 16 channels under several modes & full screen...
- Intelligent search and smart search mode by event, area, cameras, date, time and log file.
- Administrator could set the path of recording data base without any limitation. Storage device could be expanded unlimited without any problem.
- Easily search the period of recording data and unusual event by clicking the button: the most efficient way to get the recording information.
- Complete playback control: playback, backward playback, fast forward/backward playback.
- Digital zoom in for specific area.
- Export video to “AVI” and “ASF” file.
- Export single frame to “BMP, JPEG” file and print out.
- Back up video by burning to disc and into hard disk.
- Video enhancement – visibility, sharpen, brightness, contract, grey scale.

• **Remote Server and Control**

- [Alarm source of NUUO Central Management System.](#)
- Remote Live View by client program and web browser.
- Remote Playback by client program and web browser.
- [Remote Desktop configuration.](#)
- [Remote Backup Recording Video](#)
- Remote control PTZ camera.
- Remote control I/O
- 3GPP PDA/Mobile Handy view.



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• **Other**

- Counting application for certain object - the best function to count people or cars flow.
- User-friendly control interface – without complicated control window, easily to use for everyone with basic computer knowledge.
- Administrator could auto login from a certain account, and enable add, edit and delete users without any limitation. Every user has own limits of authority.
- Only the users in the administrator group can exit Main Console.
- Available to watch the condition of connection such like Account, log in time, flow rate and IP address. Including information of remote control in order to analysis the data and to sort the responsibility.
- Log data: unusual event, system log, counting application can export to “xls” or “txt” file.
- Execute recording, smart guard ...etc. in the background after logout system.
- Compatible with Joystick.
- DDNS function.
- Display bitrate of each camera to help manage bandwidth.