4 Channel High Resolution Compact DVR

**SVR-480**

**Specifications**

**DISPLAY**

- **Inputs:** 4 Composite video, 1 Vpp, 75 ohm, automatic termination
- **Resolution:** N1SC: 704 x 480; PAL: 704 x 576
- **Live Resolution:** 1280 x 720
- **Multi-Screen Display:** 1 / 4

**PERFORMANCE**

- **Compression:** MPEG-4
- **Record Rate:**
  - Up to 120fps@704 x 240 (2CIF) PAL
  - Up to 100fps@704 x 288 (2CIF)
  - Up to 120fps@704 x 480 (4CIF)
  - Up to 100fps@704 x 576 (4CIF)
- **Mode:** Normal, Schedule, Event
- **Audio Interfaces:**
  - Line: 1 Vpp, 75 ohm automatic termination
  - Loop Outputs: 1 Line, 10K ohm
- **Playback Function:**
  - Date/Time, Event, Calendar, Thumbnails, Text (SNM-128S)
  - Up to 50 sec.
  - Up to 60 sec.
- **Search & Playback:**
  - Date/Time, Event, Calendar, Thumbnails, Text (SNM-128S)
  - Up to 50 sec.
  - Up to 60 sec.
- **Search Mode:**
  - Continuous

**INTERFACE**

- **Connections:**
  - PTZ Keyboard: RS-485, Max. signal voltage ±12V
  - USB: 2 USB 2.0 ports
  - eSATA: 1 External eSATA port
  - Network: Multi-stream
- **Ethernet:**
  - 10/100 Base-T, Auto-negotiation
- **Serial Interface:**
  - RS-232, Max. signal voltage ±12V
- **Serial Interface:**
  - RS-485, Max. signal voltage ±12V

**Rear panel**

**Dimensions**

Unit: mm (inch)

**Certifications**

- **Language:** English, French, Spanish, German, Italian, Portuguese, Polish, Russian, Turkish, Japanese, Dutch, Swedish, Russian, Danish, Korean

- **Operating Humidity:** 20% ~ 90%
- **Operating Temperature:** +5°C ~ +40°C (+32°F ~ +104°F)
- **Power Consumption:** Max. 45W (With 1X HDD) / Max. 60W (With 2X HDD)
- **Input Voltage:** 100 ~ 240V AC ±10%, 50/60Hz, Auto-ranging
- **Transmission Speed:** 100/1000 Mbps
- **Bandwidth Control:** Up to 16Mbps
- **Alarm:**
  - Video Inputs: 8 Line, 100K ohm
  - Loop Outputs: 1 Line, 10K ohm
- **Audio:**
  - Sampling Rate: 44.1KHz
  - ADPCM
  - Multi-Stream
- **Signal Interface:**
  - RS-232, Max. signal voltage ±12V
  - RS-485, Max. signal voltage ±12V
- **Audio Output:**
  - Line: 1 Vpp, 75 ohm automatic termination
- **Network Multi Stream:**
  - Up to 4 streams
- **Data Authentication:**
  - Password Protection: 1 Admin, 10 User

**Bandwidth Control**

Up to 16Mbps

**Storage**

- **Maximum Capacity:**
  - Internal HDD: Up to 2 SATA HDDs
  - External HDD: Up to 6TB using external storage option
  - USB (Back up): Up to 2 SATA HDDs
  - DVD Writer (Back up): Up to 1 expansion bay
- **External USB Ports:** Up to 2 USB 2.0 ports
- **External SATA Port:**
  - Up to 1 expansion bay
- **External HDD:** Up to 2 SATA HDDs

**Search & Playback**

- **Search Mode:**
  - Continuous
- **Record Rate:**
  - Manual, Schedule
  - Event
  - Pre-alarm
  - Post-alarm
  - Up to 5 sec.
  - Up to 30 sec.
- **Playback Function:**
  - Date/Time, Event, Calendar, Thumbnails, Text (SNM-128S)
  - Continuous
  - Up to 60 sec.

**Alarm Outputs**

- **Alarm Outputs:**
  - 16KHz
  - 1 Line, 10K ohm
  - 100K ohm
  - 30K ohm
  - 1 Vpp, 75 ohm, Multi-screen, Menu, Playback
  - 1 Vpp, 75 ohm automatic termination

**Network**

- **Maximum Capacity:**
  - Internal HDD: Up to 2 SATA HDDs
- **External HDD:** Up to 2 SATA HDDs
- **HD Writer (Back up):**
  - External/2 SATA ports
  - Up to 2 SATA HDDs
  - Up to 6TB using external storage option
  - eSATA: 1 External eSATA port
  - Up to 1 expansion bay
- **Network Multi Stream:**
  - Up to 4 streams
- **Network Multi Stream:**
  - Up to 4 streams

**Environmental**

- **Humidity:** 20% ~ 90%
- **Temperature:** +5°C ~ +40°C (+32°F ~ +104°F)
- **Power Consumption:** Max. 45W (With 1X HDD) / Max. 60W (With 2X HDD)
- **Input Voltage:** 100 ~ 240V AC ±10%, 50/60Hz, Auto-ranging
- **Transmission Speed:** 100/1000 Mbps
- **Bandwidth Control:** Up to 16Mbps
- **Alarm:**
  - Video Inputs: 8 Line, 100K ohm
  - Loop Outputs: 1 Line, 10K ohm
- **Audio:**
  - Sampling Rate: 44.1KHz
  - ADPCM
  - Multi-Stream
- **Signal Interface:**
  - RS-232, Max. signal voltage ±12V
  - RS-485, Max. signal voltage ±12V
- **Audio Output:**
  - Line: 1 Vpp, 75 ohm automatic termination
- **Network Multi Stream:**
  - Up to 4 streams
- **Data Authentication:**
  - Password Protection: 1 Admin, 10 User

**General**

- **Power Consumption:** Max. 45W (With 1X HDD) / Max. 60W (With 2X HDD)
- **Input Voltage:** 100 ~ 240V AC ±10%, 50/60Hz, Auto-ranging
- **Environmental:**
  - Operating Temperature: +5°C ~ +40°C (+32°F ~ +104°F)
  - Operating Humidity: 20% ~ 90%
- **Mechanical Dimensions (WxHxD):**
  - 350 x 88 x 401.3mm (13.77 x 3.46 x 15.8")
- **Language:**
  - English, French, Spanish, German, Italian, Portuguese, Polish, Russian, Turkish, Japanese, Dutch, Swedish, Russian, Danish, Korean
- **Certifications:**
  - FCC (Class A), CE (Class A), NAB, ETSI

**Provided with powerful centralized management software**

**DISTRIBUTED BY**

SAMSUNG TECHWIN AMERICA Inc.
1480 Charles Willard St, Carson, CA 90746, UNITED STATES
Tel: +82-31-740-8151~8  Fax: +82-31-740-8145
145-3, Sangdaewon 1-dong, Jungwon-gu, Seongnam-si, Gyeonggi-do Korea 462-703
SAMSUNG TECHWIN CO., LTD.
www.samsungcctv.com
cctvusa.com
ipolis.com

**TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONICS CO., LTD.**
www.samsungcctv.com
cctvusa.com
ipolis.com

**SAMSUNG TECHWIN EUROPE CO., LTD.**
Chertsey, Surrey, UNITED KINGDOM KT16 OPS
Samsung House, 1000 Hillswood Drive, Hillswood Business Park
Tel: +44-1932-45-5300 Fax: +44-1932-45-5325

**SAMSUNG TECHWIN AMERICA Inc.**
www.samsungcctv.com
cctvusa.com
ipolis.com

**SAMSUNG TECHWIN AMERICA Inc.**
www.samsungcctv.com
cctvusa.com
ipolis.com
Vivid Graphics, Convenient Search Options & High Network Performance

The SVR-480 is an easy to install high performance DVR producing recorded images in real-time at full resolution. It offers dual codec technology to enhance the network performance and video management software to manage multiple DVRs. With the easy to use search and back up option, SVR-480 delivers the essential features in an economical package making it a best solution for small retail, health care, government offices, and casinos.

High Resolution, High Performance 4 Channel DVR SVR-480

704 x 480(N) Max Resolution & 120fps(N) Max Recording Speed

The SVR-480 can record MPEG-4 in high resolution images at 30fps per channel, delivering clear, vivid video for accurate monitoring.

Convenient Search & Play Options

- Thumbnail Search
- Search quickly with video thumbnails.
- Calendar Search
- Search by date and time.
- Bookmark
- Set convenient video markers to resume playback from there instantly.

Network Monitoring

Multi-Streaming

A wide selection of video resolutions, screen qualities, and frame rates for real-time monitoring are available to choose from. These options allow network managers to take account of their network traffic.

Centralized Management Software

The SNM-128S/P helps you to centrally manage all our network products including DVRs. This superb software is armed with powerful remote control and monitoring features (SNM-128S supplied as standard).

Variety of Convenient Options

- Convenient Control Options
  - Mouse, Remote Controller, Keyboard Controller
- PTZ Control & Preset Menus
- Default DVD & Simple USB Backup Capacity
- Supports 4 channel Audio Recording
- Easy to Integrate with any ATM/POS System
- Multiple Language OSD
  - English, Spanish, French, German, Italian, Polish, Portuguese, Russian, Turkish, Czech, Serbian, Swedish, Rumanian, and Danish.