



16-Channel AHD DVR 2TB

SRD-1684

SKU: 14124 UPC: 6950210000000

The WiseNet HD+ SRD-1684 16-Channel 1080p AHD DVR from Samsung supports recording and playback of analog video signals up to 1920 x 1080. It supports recording using H.264 compression for efficient usage of storage space. The DVR consists of 1 channel for audio input and output, and features backup of data via 2 USB ports. This DVR supports PTZ control via the coaxial cable using Pelco C protocols. It includes 2TB of storage space.

Features

16CH 1080p AHD DVR (720p real-time)
Up to 240/200(1080p)fps recording rate
HDMI / VGA video output
1CH audio input / 1CH audio output
Max. 1 internal HDD
Coaxial control (Samsung-T/E, Pelco-C, ACP)
Smart phone support (Android, iOS)
Enhanced network bandwidth up to 32Mbps

Display Video Inputs 16CH BNC, 1080p / 720p AHD and analog camera Resolution 1920 x 1080, 1280 x 720, 960 x 480, 704 x 480 / 928 x 576, 704 x 576 Live Frame Rate 480fps@1920 x 1080 / 480fps@1280 x 720 / 480fps@928 x 480 Resolution 1920 x 1080 (Full HD) / 1280 x 720 (HD) / 928 x 480 (wD1) Multi Screen Display 1 / 4 / 7 / 9 / 13 / 16 / 16A / Sequence / PIP Performance Operating System Embedded Linux Recording Compression H.264 Record Rate - NTSC : Up to 240fps@1920 x 1080 / PAL : Up to 200fps@1920 x 1080; NTSC : Up to 480fps@1280 x 720 / PAL : Up to 400fps@1280 x 720; NTSC : Up to 480fps@928 x 480 / PAL : Up to 400fps@928 x 480; Mode NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1~30fps) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 ~ 25fps) Event Video loss, Motion (Level 1 ~ 10), Alarm, Tampering Overwrite Modes Continuous Pre-alarm Off / 5sec Post-alarm Up to 6hour (5,10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour) Search & Playback Search Mode Date/Time, Event, Backup, Motion (*All search include preview function) Playback Function - Fast forward / backward (2x, 4x, 8x, 16x, 32x, 64x) *Backward play with i-frame only Slow forward / backward (1/2x, 1/4x, 1/8x); Step forward / backward (2x, 4x, 8x, 16x, 32x, 64x) *Backward play with i-frame only Network (IPv4) Transmission Speed 4CIF / 2CIF / CIF (NTSC : 120 / 240 / 480fps, PAL : 100 / 200 / 400fps) Bandwidth Up to 32Mbps Bandwidth Control Selectable Stream H.264 (4CIF / 2CIF / CIF selectable) Max. Remote Users Search 3 / Live unicast 10 / Live multicast 20 Protocol Support TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP, SNMP, UPnP Monitoring SmartViewer, Webviewer, Mobile viewer, SSM (CMS) Smart Phone Platform Android, iOS Protocol Support RTP, RTSP, HTTP, CGI Max. Remote Users Live 2, Play back 1 Storage Internal HDD 1 SATA HDD USB (Backup) USB 2.0, 2 ports (Front 1, Back 1) File Format (Backup) BU (DVR player), EXE (Include player), AVI Security Password Protection 1 Admin, 10 Group, 10 User per 1 group Data Authentication Watermark Interface Monitors - VGA 1 VGA (1280 x 720, 1280 x 1024, 1920 x 1080) HDMI 1 HDMI (1280 x 720, 1280 x 1024, 1920 x 1080) Audio Inputs / Output 1CH line in / 1CH line out Compression G.711 Sampling Rate 8KHz Alarm Remote Notification Notification via e-mail Connections Ethernet 1 RJ-45 10/100 Base-T Serial Interface RS-485 USB USB 2.0, 2 ports (Front 1, Back1) Application Support Mouse, Remote controller RS-485 Protocol Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, VICON, GE Coax Protocol NTSC/PAL : PTZ control via coaxial cable (Pelco-C (Coaxitron)), AHD (Coaxitron) : ACP (AHD Coax Protocol) Cabling Distance AHD Video Input 200m (656.17ft) General Electrical Input Voltage / Current 12V DC adaptor, 100 ~ 250V AC $\pm 10\%$, 50/60Hz Power Consumption Max. 23W (With 1x HDD) Environmental Operating Temperature +0°C ~ +40°C (+32°F ~ +104°F) Operating Humidity 20% ~ 85% RH Mechanical Dimensions (WxHxD)

300.0 x 48.0 x 208.7mm (17.32" x 1.89" x 8.22") Weight (With hard disks) 1.17Kg (2.58 lb) (with no HDD) Language English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Rumania, Serbia, Croatia, Hungary, Greek, Finnish, Norwegian, Korean, Japanese, Chinese (Traditional), Thai, Taiwanese (25 Language)