SD-16

S Series 16CH 720P

(Features)

- Compression algorithm upgraded to H.264 High Profile, more advanced video compression technique makes the code stream lowered at least 30%.

- Completely new graphics operating interface design, to let you experience easily and conveniently.

- SDVR combines the functions of DVR/HVR/NVR together, multi-mode input (support analog video, Analog HD video, network HD video input). No need to worry how to be compatible with analog system, to choose DVR or HVR, just one SDVR can work.

- Super Strong processing capacity: can realize 16CH 720P recording and 4CH 720P playback synchronously.

- Support main stream and extra steam encode synchronously. Main stream is for local storage to maintain the image quality, extra stream is for network real-time transmission, to easily solve the bottleneck problem of bandwidth.

- Support super cloud service (this function is optional, specialized website for super cloud , one step to do remote control easily & conveniently without any complicated setting.

- Powerful net service（support DHCP、PPPOE、FTP、DNS、DDNS、ARSP、NTP、UPNP、EMAIL、IP authority、IP search、alarm center, etc）, complete enclosure（WEB、CMS、SDK）, to easily achieve interconnection.

- Built-in IE plugs, no need to install from CD disk independently.

- Support 3G & WIFI extension.

- Support multi-browser（IE、Chrome、Firefox、Safari）

- Support kinds of mobile monitor （iPhone, Android）

- Multiplex operation : Preview, recording, playback, backup, network live, mobile phone view; all operations are independent of each other.

- Support many recording modes: Auto-continuing recording, timing recording, motion detection recording.

- Playback mode support normal play, speed play, fast back play, manual and single-frame play.

- Many backup device: USB flash disk, USB portable HDD and network.

- Support alarm triggered recording will send alerts matter (some models support sending picture) to the designated email.

- Support pre-alarm recording (before 10 sec),not lose any suspicious screen.

- Twenty kinds of language （English、Korean, Finnish、French、German, Greek、Italian、Japanese, Polish、Portuguese、Russian, Spanish、Thai、Simplified Chinese、Chinese-Traditional、Turkish, etc）,break up country limitation.

- System auto recovery to power after power reconnected, and return to the pre-power-down state

（Specification）

	Model	SD-16
System	Operating system	Embedded LINUX operating system
	System resource	Multi-channel real-time recording synchronously, multi-channel real-time playback, multi-channel multi-user network operation, USB back up.
	Operation interface	16 bit real color GUI interface support mouse operation
Display	Display screen	（Take all analog input as an example, others are depended on the selected channel mode）
	Image encode	1/4/9 /16screen
		H.264(High Profile)
Video	Monitor quality	VGA：1080P ；HDMI：1080P
	Playback quality	Max support 1080P under DVR and NVR mode；Max support 720P under DVR mode
	Encode capability	16CH 720P (DVR mode)
	Decode capability	4CH 720P (DVR mode)
	Multi-mode video input	DVR mode :16*720P
	Motion detection	Each channel can set 192（16*12）detection area；can set multi-level of flexibility (for local analog channel only)
	Audio compression	G.711A
Audio	Record mode	Manual、alarm、motion detection、timing
Record and playback	Local playback	1-4ch playback synchronously; Under the mode of DVR, Max support 4CH 720P playback synchronously
	Video search	Time、date、event、channel search
	Space occupation	Video：720P 24~30G/day*channel； audio：691.2MB/day*channel
Storage and back up	Video storage	Local HDD 、Network
	Back up mode	Network backup、USB portable HDD、USB DVD-RW
	Video input	16CH BNC
Interface	Video output	1CH VGA，1CH HDMI
	Audio input	16CH RCA
	Audio output	1CH RCA
	Alarm input	16CH
	Alarm output	1CH
	Network port	RJ45 10M/100M self-adaptive Ethernet port
	PTZ control	1 RS485；support multi kinds of PTZ Protocol
	USB port	2*USB2.0
	HDD port	8 SATA
	Wireless port	3G、WIFI(extension via USB port)
	Tour	Yes
other	Remote controller	Yes
	Power	12V