

## DS-19S08/16-04S(Gx)

### Video Security Control Panel

DS-19S00-04S(Gx) is a series of professional-grade video control panel with multi-functions of alarm input/output, scheduled arming/disarming, video signal processing and so on.

It is mainly applied to the security systems of finance, judicature, education, intelligent building, transportation and electricity, etc. It can be used cooperatively with the video surveillance and access control subsystem over client software.



Model	Description
DS-19S08-04S	8 Zones Input, 4-ch Analog Video Input
DS-19S16-04S	16 Zones Input, 4-ch Analog Video Input
DS-19S08-04S/Gx	8 Zones Input, 4-ch Analog Video Input, 3G/4G Module
DS-19S16-04S/Gx	16 Zones Input, 4-ch Analog Video Input, 3G/4G Module



#### AlarmInput/Output

- Support 8/16 zones alarm input;
- Support 4-ch of local alarm output, 12-ch extension relay;

#### Video/Audio

- Support 4-ch analog HD video input, support

main-stream and sub-stream;

- Support 4-ch audio input, and 1-ch two-way audio;
- Support 1-ch VGA output, 1-ch HDMI output;

#### Remote Control

- 32 remote controls;

- MSM alarm-report push and Arming/Disarming via SMS command (DS-19S00-04S/Gx supports message alarm data-push function);

#### Report Transmission

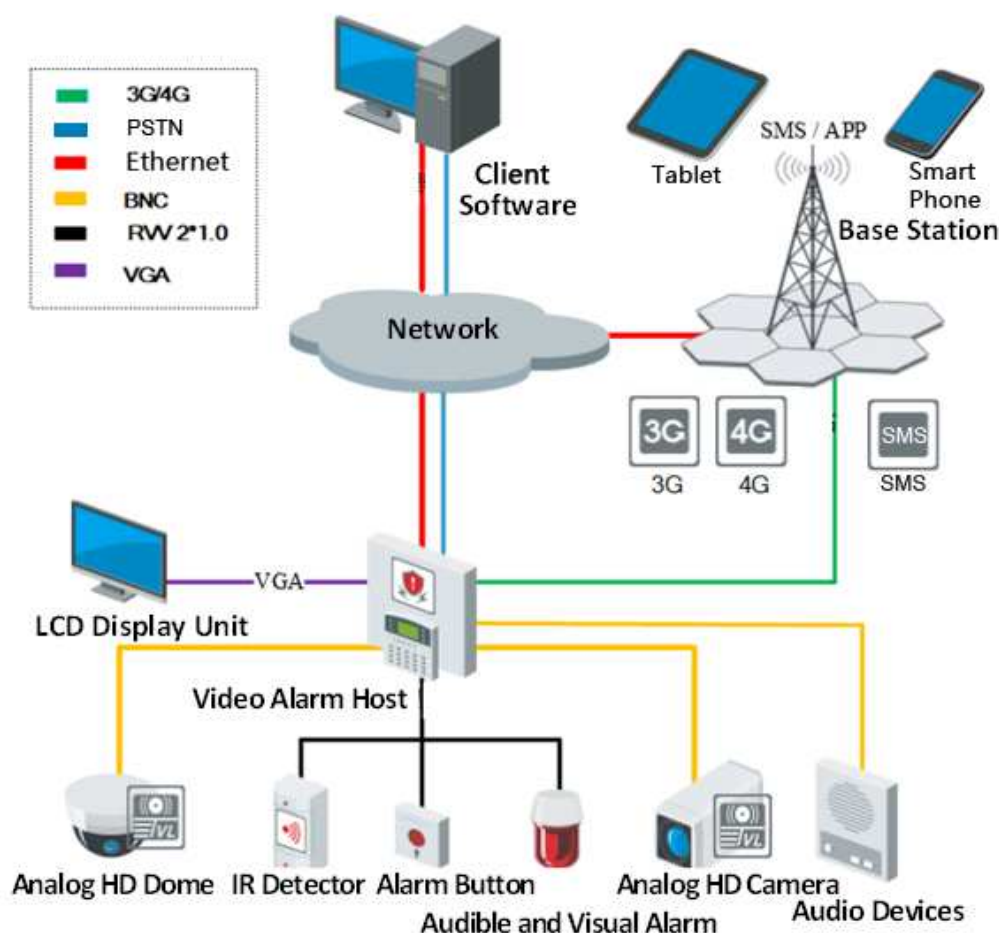
- 3 transmission modes: network transmission, PSTN transmission, and 3G/4G transmission (DS-19S00-04S/Gx supports GPRS transmission);
- 2 groups of stand-alone wired network communication central alarm monitoring station
- 2 groups of stand-alone GPRS communication central alarm monitoring station (DS-19S00-04S/Gx supports 3G/4G alarm center);
- 2 groups of stand-alone PSTN communication central alarm monitoring station
- CID reporting, and support telephone line multiplex;

#### External Equipment

- 8 external alarm keypads are accessible;
- External storage battery for power supply;

#### Various Applications

- Support 8 subsystem and 1 public subsystem;
- Scheduled arming/disarming function;
- Remote upgrade via network;
- Tamper-proof alarm of the control panel and detectors;
- Support post-view function, the duration of post-view can be configured;
- Support rechecking of alarm linked live view and capture.
- Support video motion detection, video loss detection function;
- Equipped with 4TB HDD, support local video storage;
- PTZ control is available;
- 1-ch siren (12VDC) output.;
- 1-ch of 12V/1A auxiliary power output.





Model		DS-19S00-04S	DS-19S00-04S/Gx
Control Panel Parameters	Alarm Input	8/16 Zones Alarm Input	
	Alarm Output	Local 4-ch+12-ch Expandable, 1A/30VDC	
	External Power Supply	12VDC /1A	
	Siren Power Supply	12VDC /750mA	
	Supported External Keyboards	8	
	Tamper-proof Switch	1, Support Tamper-proof Alarm	
	Weekly Schedule	8time segments each day	
	Holiday Schedule	30 days, 8time segments each day	
	Subsystem	8 Subsystems, 1 Public Subsystem	
	Tamper-proof of Detectors	Support	
	Supported Remote Controllers	32 (Unobstructed Effective Range of 80m)	
	SMSAlarm-Report Push	N/A	Support
	Arming/Disarming via SMSCommand	N/A	Support
Media Parameters	Video Input	4-ch WD1/960H, PAL/NTSC Self-adaptive	
	Video Input Interface	BNC Interface (1.0 Vp-p, 75Ω)	
	HDMI Output Resolution	1-ch, Resolution: 1024×768/60Hz, 1280×720/60Hz, 1280×1024/60Hz, 1600×1200/60Hz, 1920×1080p/60Hz	
	VGA Output Resolution	1-ch, Resolution: 1024×768/60Hz, 1280×720/60Hz, 1280×1024/60Hz, 1600×1200/60Hz, 1920×1080p/60Hz	
	Audio Input	4-ch, BNC (Linear, 1kΩ)	
	Audio Output	1-ch, BNC (Linear, 1kΩ)	
	Audio Compression	G.711u	
	Audio Code Rate	8Kbps	
	Two-way Audio	1-ch, BNC Interface (Linear, 1kΩ)	
	Video Encoding	H.264	
	Encoding Resolution	WD1/4CIF/CIF/QCIF, Real-time	
	Video Frame Rate	PAL: 1/16~25fps NTSC: 1/16~30fps	
	Video Bitrate	32Kbps to 16Mbps	
	Stream Type	Video & Audio/Video	
	Dual stream	Support, Sub-stream CIF, QCIF	
	Synchronous Playback	4-ch	
	Post-preview	Duration of Playback can be Configured	
	Capture for Recheck	20 Captures (10 Captures before/after Alarm)	
Record Type	Manual Record, Scheduled Record, Motion Detection Record		
Playback Mode	Instant Playback, Normal Playback, Event Playback		

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	<b>HDD Information</b>	4TB HDD, 1 SATA Interface	
<b>Wireless Network Parameters</b>	<b>Wireless Network Standard</b>	N/A	GW: 3G WCDMA/GE: 3G EVDO
	<b>UIM Card Slot</b>		1
	<b>SMA Antenna Interface</b>		1
	<b>Network Application</b>	DNS, IP Server, DDNS, and DHCP	
<b>Interfaces and Appearance</b>	<b>Network Interface</b>	1 RJ45 10M/100M Self-adaptive	
	<b>RS485</b>	1, RS485 Half-duplex, Support PTZ Control	
	<b>Keyboard Bus</b>	1, RS485 Half-duplex	
	<b>USB Interface</b>	1, USB2.0	
	<b>Printer Interface</b>	1, RS232 Interface	
	<b>Port for Storage Battery</b>	1 Port, for Storage Battery Accessing	
<b>Others</b>	<b>Power Supply</b>	100~240VAC, 47~63HZ	
	<b>Consumption</b>	≤8W	
	<b>Working Temperature</b>	-10°C~+55°C (14°F~131°F)	
	<b>Working Humidity</b>	10%~90%	
	<b>Installation Mode</b>	2.5U Wall-mounting	
	<b>Dimensions</b>	370×346×98mm (14.6×13.6×3.9")	
	<b>Weight</b>	≤ 12kg (26.5lb) (Without HDD and Battery)	