WHDSDI82



8 Channel HD-SDI Network DVR

The WHDSDI42 is a 8 Channel real time 1080P HD SDI network DVR. The DVR supports 8 channel 1080P Real Time Display and Real Time Recording.



WHDSDI82

Key Features

- 8 CH HD-SDI 1080P Video Input
- 8 CH 1080P Real Time Display and Real Time Recording
- Easy to Use True Colour GUI
- Multi-Mode Recording (Manual, Continuous, Motion, Sensor)
- Search Time, Calendar and Events (Alarm, Motion)
- 4CH Simultaneous Playback
- USB, DVDRW(Sata), IE CMS Backup, Supports Multi-File and File Cutting when backing up
- Pentaplex: Live, Record, Playback, Backup and Remote Operation

- DHCP, DDNS, PPPoE Network Protocol, IE Browser and CMS Supported
- Dual Stream Technology (User Adjustable Recording and Network Stream)
- Simultaneous Multi-User Online
- HDMI 1080P Output
- Supports PTZ Preset and Auto Cruise
- Up to 128 Presets and 8 Cruises
- Complete SDK Function, Easy to Integrate with other Applications



Technical Specification



Fine Manage Carde Manage Car	Model Number	WHDSDI82
CPU Cortex A9 Dual Core Compression H.264 High Profile Video Input: SDL x8 Output: BNC x1, VGA x1 1080p (1920 x 1080) Imput: RCA x4 Audio Input: RCA x4 Resolution 1080p (1920 x 1080) Frame Rate 200 fps (PAL) Bit Rate 2 Mbps-12Mbps Encode VBR/CBR Quality 6 Level Mode Manual, Timer, Motion, Sensor File Manage Lock, Unlock, Reserving Time, Redundancy Playback 4 CH Search Time, Motion, Sensor, Single or Multi-Channel Function Play Pause, FF, FB, Digital zoom Alarm Interface Input: 4 CH Opput: 1 CH Alarm Interface Alarm Triggering Record, PTZ Move, Relay Out, E-Mail etc. Network Protocol TCP/IP, UDP, DHC, DNS, PPOE, DNS, E-Mail Users Up to 10 Online Dual Stream Yes Smart Device OS Gio, Android Smart Device OS Multi-Channel Display, Device, List, Recording, PTZ etc Ports HDD: SATA x		
Compression		
Video Input SDI x 8 Output: BNC x1, VGA x1 1080p (1920 x 1080), HDMI x1 1080p (1920 x 1080) Audio Input RCA x4 Output: RCA x1 Resolution 1080p (1920 x 1080) Frame Rate 2.00 fps (PAL) Bit Rate 2.00 fps (PAL) Encode VBR/CBR Quality 6 Level Mode Manual, Timer, Motion, Sensor File Manage Lock, Unlock, Reserving Time, Redundancy Playback 4 CH Search Time, Motion, Sensor, Single or Multi-Channel Function Play, Pause, FF, FB; Digital zoom Alarm Mode Sensor, Motion, Video Loss Alarm Interface Input 4 CH Ouput: 1 CH Alarm Triggering Record, PTZ Move, Relay Out, E-Mail etc. Network Interface RA45 Giga Ethernet Network Protocol TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, E-Mail Users Up to 10 Online Users Up to 10 Online Smart Device OS IOS, Android Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) R5485: R5485: R5		
Output: BNC x1, VGA x1 1080p (1920 x 1080), HDMI x1 1080p (1920 x 1080)		
Resolution 1080p (1920 x 1080) Frame Rate 200 fps (PAL) Bit Rate 2 Mbps-12Mbps Encode VBR/CBR Quality 6 Level Mode Manual, Timer, Motion, Sensor File Manage Lock, Unlock, Reserving Time, Redundancy Playback 4 CH Search Time, Motion, Sensor, Single or Multi-Channel Function Play, Pause, FF, FB; Digital zoom Alarm Mode Sensor, Motion, Video Loss Alarm Interface Input: 4 CH Ougut: 1 CH Alarm Triggering Record, PTZ Mowe, Relay Out, E-Mail etc. Network Interface RJ45 Giga Ethernet Network Protocol TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, E-Mail Users Up to 10 Online Dual Stream Yes Smart Device OS GOS, Android Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3 TB per HDD (Supports DVD-RW) R5485: R5485 x2 (PTZ x1, Keyboard x1) USers Ves Power Supply DC12V Working Environment Humidity: 10%-90% Dimensions (Wx D x H) B 1080pt 10 Chile Power Supply Point Pemperature: 0-50°C Humidity: 10%-90% Dimensions (Wx D x H) B 300 pt 10 chile PS 400 pt 100	Video	· ·
Frame Rate 200 (ps (PAL) Bit Rate 2 Mbps-12Mbps Encode VBR/CBR Quality 6 Level Mode Manual, Timer, Motion, Sensor File Manage Lock, Unlock, Reserving Time, Redundancy Playback 4 CH Search Time, Motion, Sensor, Single or Multi-Channel Function Play, Pause, FF, FB; Digital zoom Alarm Mode Sensor, Motion, Video Loss Alarm Interface Input: 4 CH Quput: 1 CH Alarm Triggering Record, PTZ Move, Relay Out, E-Mail etc. Network Interface RJ45 Giga Ethernet Network Protocol TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, E-Mail Users Up to 10 Online Dual Stream Yes Smart Device OS Good Android Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USE: USE2.0 x2 Remote Controller Power Supply DC12V Working Environment Tomes A30 x 55mm	Audio	· ·
Bit Rate Encode VBR/CBR Quality G Level Mode Manual, Timer, Motion, Sensor File Manage Lock, Unlock, Reserving Time, Redundancy Playback 4 CH Search Time, Motion, Sensor, Single or Multi-Channel Function Play, Pause, FF, FB; Digital zoom Alarm Mode Alarm Mode Alarm Triggering Record, PTZ Move, Relay Out, E-Mail etc. Network Interface Network Interface Network Protocol TCP/IP, UDP, DHCP, DNS, PPFOE, DDNS, E-Mail Users Up to 10 Online Dual Stream Yes Smart Device OS Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Power Supply Temperature: 0-50°C Humidity: 10%-90% Dimensions (W x D x H) 430 x 300 x 55mm	Resolution	1080p (1920 x 1080)
Encode Quality G Level Mode Manual, Timer, Motion, Sensor File Manage Lock, Unlock, Reserving Time, Redundancy Playback 4 CH Search Time, Motion, Sensor, Single or Multi-Channel Function Play, Pause, FF, FB; Digital zoom Alarm Mode Alarm Mode Sensor, Motion, Video Loss Alarm Interface Input: 4 CH Ouput: 1 CH Alarm Triggering Record, PTZ Move, Relay Out, E-Mail etc. Network Interface RJ45 Giga Ethernet Network Protocol TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, E-Mail Users Up to 10 Online Dual Stream Yes Smart Device OS Smart Device OS Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) US8: US82.0 x2 Remote Controller Power Supply Working Environment Temperature: 0-50°C Humidity: 10%-90% Dimensions (W x D x H) A CH	Frame Rate	200 fps (PAL)
Quality 6 Level Mode Manual, Timer, Motion, Sensor File Manage Lock, Unlock, Reserving Time, Redundancy Playback 4 CH Search Time, Motion, Sensor, Single or Multi-Channel Function Play, Pause, FF, FB; Digital zoom Alarm Mode Sensor, Motion, Video Loss Alarm Interface Input: 4 CH Output: 1 CH Output: 1 CH Alarm Triggering Record, PTZ Move, Relay Out, E-Mail etc. Network Interface RJ45 Giga Ethernet Network Protocol TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, E-Mail Users Up to 10 Online Dual Stream Yes Smart Device OS iOS, Android Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x.2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USE: USE2.0 x2 Remote Controller Yes Power Supply DC12V Working Environment Temperature: 0-50°C Humidity: 10%-90% Dimensions (W x D x H) 430 x 300 x 55mm	Bit Rate	2 Mbps~12Mbps
Mode Manual, Timer, Motion, Sensor File Manage Lock, Unlock, Reserving Time, Redundancy Playback 4 CH Search Time, Motion, Sensor, Single or Multi-Channel Function Play, Pause, FF, FB; Digital zoom Alarm Mode Sensor, Motion, Video Loss Alarm Interface Input: 4 CH Ouput: 1 CH Alarm Triggering Record, PTZ Move, Relay Out, E-Mail etc. Network Interface RJ45 Giga Ethernet Network Protocol TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS ,E-Mail Users Up to 10 Online Dual Stream Yes Smart Device OS IOS, Android Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Yes Power Supply DC12V Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Encode	VBR/CBR
File Manage Lock, Unlock, Reserving Time, Redundancy Playback 4 CH Search Time, Motion, Sensor, Single or Multi-Channel Function Play, Pause, FF, FB; Digital zoom Alarm Mode Sensor, Motion, Video Loss Alarm Interface Input: 4 CH Ouput: 1 CH Alarm Triggering Record, PTZ Move, Relay Out, E-Mail etc. Network Interface RJ45 Giga Ethernet Network Protocol TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS ,E-Mail Users Up to 10 Online Users Tyes Smart Device OS Smart Device OS Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Power Supply DC12V Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Quality	6 Level
Playback 4 CH Search Time, Motion, Sensor, Single or Multi-Channel Function Play, Pause, FF, FB; Digital zoom Alarm Mode Sensor, Motion, Video Loss Alarm Interface Input: 4 CH Ouput: 1 CH Alarm Triggering Record, PTZ Move, Relay Out, E-Mail etc. Network Interface RJ45 Giga Ethernet Network Protocol TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS ,E-Mail Users Up to 10 Online Dual Stream Yes Smart Device OS iOS, Android Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Yes Power Supply DC12V Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Mode	Manual, Timer, Motion, Sensor
Time, Motion, Sensor, Single or Multi-Channel Function Play, Pause, FF, FB; Digital zoom Alarm Mode Sensor, Motion, Video Loss Alarm Interface Input: 4 CH Ouput: 1 CH Alarm Triggering Record, PTZ Move, Relay Out, E-Mail etc. Network Interface RJ45 Giga Ethernet Network Protocol TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, E-Mail Users Up to 10 Online Dual Stream Yes Smart Device OS iOS, Android Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Power Supply DC12V Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) A30 x 300 x 55mm	File Manage	Lock, Unlock, Reserving Time, Redundancy
Function Play, Pause, FF, FB; Digital zoom Alarm Mode Sensor, Motion, Video Loss Alarm Interface Input: 4 CH Ouput: 1 CH Alarm Triggering Record, PTZ Move, Relay Out, E-Mail etc. Network Interface RJ45 Giga Ethernet Network Protocol TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, E-Mail Users Up to 10 Online Dual Stream Yes Smart Device OS iOS, Android Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Yes Power Supply DC12V Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Playback	4 CH
Alarm Mode Sensor, Motion, Video Loss Alarm Interface Input: 4 CH Ouput: 1 CH Alarm Triggering Record, PTZ Move, Relay Out, E-Mail etc. Network Interface RJ45 Giga Ethernet Network Protocol TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS ,E-Mail Users Up to 10 Online Dual Stream Yes Smart Device OS Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Power Supply DC12V Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Search	Time, Motion, Sensor, Single or Multi-Channel
Alarm Interface Input: 4 CH Ouput: 1 CH Alarm Triggering Record, PTZ Move, Relay Out, E-Mail etc. Network Interface R145 Giga Ethernet Network Protocol TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS ,E-Mail Users Up to 10 Online Dual Stream Yes Smart Device OS Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Yes Power Supply DC12V Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Function	Play, Pause, FF, FB; Digital zoom
Alarm Triggering Record, PTZ Move, Relay Out, E-Mail etc. Network Interface RJ45 Giga Ethernet Network Protocol TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS ,E-Mail Users Up to 10 Online Dual Stream Yes Smart Device OS Gmart Device Function Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Yes Power Supply DC12V Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) A30 x 300 x 55mm	Alarm Mode	Sensor, Motion, Video Loss
Network InterfaceRJ45 Giga EthernetNetwork ProtocolTCP/IP, UDP, DHCP, DNS, PPPOE, DDNS ,E-MailUsersUp to 10 OnlineDual StreamYesSmart Device OSiOS, AndroidSmart Device FunctionMulti-Channel Display, Device List, Recording, PTZ etcPortsHDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2Remote ControllerYesPower SupplyDC12VWorking EnvironmentTemperature: 0~50°C Humidity: 10%~90%Dimensions (W x D x H)430 x 300 x 55mm	Alarm Interface	·
Network Protocol TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS ,E-Mail Users Up to 10 Online Pual Stream Yes Smart Device OS Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Yes Power Supply DC12V Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Alarm Triggering	Record, PTZ Move, Relay Out, E-Mail etc.
Users Dual Stream Yes Smart Device OS iOS, Android Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Power Supply DC12V Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Network Interface	RJ45 Giga Ethernet
Dual Stream Yes Smart Device OS iOS, Android Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Yes Power Supply DC12V Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Network Protocol	TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS ,E-Mail
Smart Device OS Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Yes Power Supply DC12V Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Users	Up to 10 Online
Smart Device Function Multi-Channel Display, Device List, Recording, PTZ etc HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Yes Power Supply DC12V Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Dual Stream	Yes
Ports HDD: SATA x2, Support 3TB per HDD (Supports DVD-RW) RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Yes Power Supply DC12V Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Smart Device OS	iOS, Android
RS485: RS485 x2 (PTZ x1, Keyboard x1) USB: USB2.0 x2 Remote Controller Yes Power Supply DC12V Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Smart Device Function	Multi-Channel Display, Device List, Recording, PTZ etc
Power Supply Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Ports	RS485: RS485 x2 (PTZ x1, Keyboard x1)
Working Environment Temperature: 0~50°C Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Remote Controller	Yes
Humidity: 10%~90% Dimensions (W x D x H) 430 x 300 x 55mm	Power Supply	DC12V
	Working Environment	·
Weight	Dimensions (W x D x H)	430 x 300 x 55mm
	Weight	

Genie CCTV reserves the right to change specifications without notice. Please contact your representative to confirm current specifications.

Dimensions (mm)

