



RT-8104: 4CH 1080P Series 3520DV300 Solution



1. Main board configuration

DSP	RAM	FLASH	AD Chip	HDD
3520DV300	2G	16M	TP2826	1*10TB

2. Support Model

MODEL	CHANNEL MODE (Analog channel + Digital channel)		Playback
	NO.	Channel * Resolution/fps	Channel *Resolution/fps
4CH	1	4 * 1080P/15 + 0	2 * 1080P/15
	2	4 * 1080P/15 + 0	4 * 1080P/15
	3	4 * 1080N/25 + 0	4 * 1080N/25
	4	2 * 1080P/25 + 2 * 1080P/25	2 * 1080P/25
	5	0 + 4 * 1080P/25	2 * 1080P/25
	6	0 + 4 * 3M/25	1 * 3M/25

3. Features

- Supporting AHD/TVI/CVI/CVBS/IP 5 IN 1, Multi-mode input, HD analog video encoding, support for high-definition analog and high-definition network video input, support pure HD network video input
- Using cloud services, easily achieve a variety of network penetration; one step to achieve remote monitoring, and no need various complicated network settings. It is convenient and easy operation
- Support mobile phone remote monitoring (iPhone /Android)
- Supports multiple web browsers (IE、 Chrome、 Firefox、 Safari)
- Supports VGA, TV and HDMI output simultaneously
- Powerful Network Services (Support DHCP、 PPPOE、 FTP、 DNS、 DDNS、 NTP、 UPNP、 EMAIL、 IP Competence、 IP Search 、 Alarm Center) ,Perfect matching (WEB、 Client、 SDK) ,Easy to achieve mutual-communication
- More than 20 kinds of languages supported (Arabic、 Brazilian、 Bulgarian、 Czech、 Dutch、 English、 Persian、 Finnish 、 French、 German、 Greek、 Hebrew、 Hungarian、 Indonesian、 Italian、 Japanese、 Polish、 Portuguese、 Romanian、 Russian、 Chinese Simplified、 Slovak、 Spanish、 Swedish、 Thai、 Chinese Traditional、 Turkish、 Vietnamese) ,no language restrictions
- Free replacement for boot interface and free selection for interface style

4. Specification

system	Video Compression	H.264
	Operating	Embedded Linux
Video	Input	4CH
	VGA output	Yes
	BNC output	Yes
	Loop output	NO
	HDMI output	Yes
Audio	Audio input	4CH
	Audio out	1CH
	Intercom	Yes
Recording	Channel number of non real-time recording	4CH
	Recording mode	Schedule, Manual, Motion, External Alarm
Playback	Simultaneous playback	2CH
	Search mode	Time, Calendar, Event, Channel
Backup	USB HDD /U-disk	YES
	USB DVD Burner	YES
	Backup file format	DAV、 AVI
Remote Access	Browsers	YES, supports multiple web browsers
	CMS	YES, supports RetroCMS

	Mobile phone operating system	IPhone, Android (Retro APP)
Storage	HDD number	1*10TB
	E-SATA	NO
PTZ	Connector	1*RS485
	Protocol	PELCOP,PELCOD,LILIN,MINKING,NEON,STAR,VIDO,DSCP,VISCA,SAMSUNG,RM110,HY
	Control mode	Pan, Tilt, Zoom, Preset, Cruise, Trace
Network	Ethernet port	10 / 100 Mbps Ethernet (RJ-45)
	Network protocol	TCP/IP, DHCP, DDNS, NTP, SMTP
Other	Remote control	Yes
	Power supply	DC12V / 2A
	Working temperature	-10°C ~60°C
	Humidity	10% ~ 90% Humidity