OBS-EN1004DC 4ch HD DVR kits

Product Feature：

DVR Compression algorithm upgraded to H.264 High Profiled

DVR Support all kinds of mobile monitor (iPhone, Andriod)

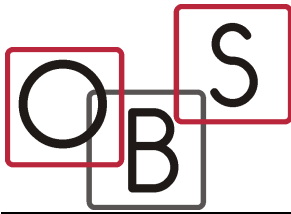DVR Supporting HDMI / VGA / TV simultaneous video output

DVR was with two USB2.0 port, supporting USB mouse, backup, record and upgrade, etc.

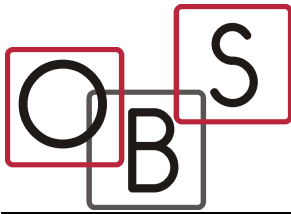DVR was with 14 kinds of language to break the national boundaries

IR cameras was 800tvl, 24pcs IR Leds, 3.6mm lens

Technical Specifications

Camera	
Image Device	1/3-Inch Color Digital Image SOC
TV System	PAL/NTSC
Sensor format	728H x 560V (includes ±36 rows and ±40columns for lens alignment)
Effective Pixels	PAL:1024(H)X596(V); NTSC:1028(H)X508(V)
Scanning System	2:1 Interlace
Min.Illumination	0.05LUX/F1.2
Horizontal Resolution	800TVL
Synchronization	Internal
White balance	Auto
Gain Control	Auto
Backlight Compensation	ON/OFF
Electronic Shutter Speed	PAL:1/50 ~ 1/100,000sec; NTSC:1/60 ~ 1/100,000sec
S/N Ratio	≥50dB
Video Output	1.0Vp-p,75ohm
Operating voltage	Standard voltage DC12V,Voltage scope DC7.5V-DC16V
Lens	3.6mm
IR Leds	24pcs IR Leds
IR Distance	15-20mm
waterproof Grade	IR Gun camera is IP 66, IR dome camera is IP64
Input Voltage/Current	DC12V 1A
Operating temperature	-20-+60

DVR features		
System	Main processor	Industrial grade embedded micro controller chip Huawei Hisilicon chipset Hi3515A

	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.
Display	Operation interface	16 bit real color GUI interface support mouse operation
	Multilingual Language	YES, supporting 14 kinds of languages
	Display screen	1/2/4 Screen
Video	Video Standard	PAL(625 lines, 50fps); NTSC(525lines, 60fps)
	Image encode	H.264(Main Profile)
	Monitor quality	Monitor：D1; VGA&HDMI(1280*1024；1024*768)
	Playback quality	D1/CIF
	Encode capability	4ch D1@25fps
	Decode capability	4ch D1@25fps
Audio	Audio compression	G.711A
Record and playback	Record mode	anual, alarm, motion detection, timing
	Snapshot	YES
	Local playback	4ch D1@25fps playback
	Video search	time, date, event, channel search
Storage and back up	Space Usage	Video 720P：10G~42G/day*channel，1080P：20G~80G/day*channel，audio 691.2M/day*channel
	Video storage	Local Hard Disk, Network
	Back up mode	Network backup, USB portable HDD, USB (FAT32 form)
Interface	Video input	4ch BNC(1.0Vp-p, 75Ω)
	Video output	1ch BNC(1.0Vp-p,75Ω), 1ch VGA , 1ch HDMI
	Audio input	4ch RCA (200-2800mV,30KΩ)
	Audio output	1ch RCA (200-3000mV,5KΩ)
	Alarm input	4ch （default not supporting，but can order ）
	Alarm output	1ch （default not supporting，but can order ）
	Network port	1*RJ45 10/100 Base-T self-adaptive Ethernet port
	PTZ control	1*RS485 port, Support more than 5 kinds protocols.
	USB port	2* USB 2.0 port
	HDD port	1* SATA HDD interface，(1 HDD capacity up to 2TB)
	Wireless Port	3G & WIFI (extended by USB)
User	User level	Admin
	User right	Users can set different permissions (How to use please refer to the manual book)
	Password protection	YES
Remote	Remote Independent Operation	YES
	Download records	YES
	Remote Event Trigger Recording	YES
	CMS	CMS Software for multiple DVR (up to 255 DVR simultaneously)
	Browser	Internetie32-bit、360、Sogou,Google, Mozilla Firefox
	Live Audio	YES

	On-line user	Max.10
	Mobile Surveillance	YES (Supporting iPad, iPhone，Android；iPad, iPhone, Andriod remote playback function)
	Network Protocol	DHCP/ADSL、PPPOE、 SMTP、TCP / IP、DDNS、Wireless dial、WIFI、P2P
Alarm	Motion detection	FTP/YES
	Event Notification	E-Mail
	Pre-alarm Recording	YES
	Video loss	Video loss notification
	Buzzer	YES
Other	IR remote controller	Remotely control DVR and PTZ cameras via IR transmitter (IR receiver built-in)
	Remote control	Yes
	Cooling fan	NO
	Tour	YES
	Power Source (±10%)	DC 12V / 2A
	Power Consumption (±10%)	<10W （without HDD）
	Operating Temperature	0℃ ~ +55℃
	Dimensions (mm) **	325mm(L)* 245mm(W)* 52mm(H)
	System Recovery	System auto recovery after power failure