

Itmes	Equipment parameter	performance standard
System	Operation system	LINUX
	Operation Interface	Graphical menu operation interface (OSD Menu)
	File system	TES Error correction encrypted file management system
	System permission	Administrator & user setting
Video	Video input	4 channels
	Video output	1 channel
	Video display	1 or 4 channels
	Signal system	PAL: 25FPS NTSC : 30FPS
	Total resources	PAL : 100FPS, NTSC : 120FPS
Audio	Audio input	4 channels
	Audio output	1 channel
	S/N ratio	≤-30dB
	Record format	synchronized video & audio recording
	Audio compression	ADPCM
Digital processing and storage	Video compression	H.264
	Image resolution	PAL : 4*CIF (352*288), 4*HD1 (704*288), 4*D1(704*576) NTSC : 4*CIF(352*240), 4*HD1(704*240),4*D1(704*480)
	Image quality	1-8 levels adjustable (1 is the best)
	Video bit-rate	CIF : 24K-112KByte/s/channel, HD1/D1 : 24K-192KByte/s/channel
	Video storage	CIF : 85M-394MByte/hour, HD1/D1 : 85M-675MByte/hour
	Playback resolution	PAL : 1or 4*CIF (352*288), 1or 4*HD1 (704*288), 1or 4*D1 (704*576) NTSC : 1or 4*CIF (352*240), 1or 4*HD1 (704*240), 1or 4*D1 (704*480)
	Audio stream bit-rate	4KByte/s/channel
	Audio storage	14MByte/hour/channel
	Storage	Support 2 SD cards max 128GB each
Alarm	Alarm input	4 channels (activated by high voltage)
	Alarm output	1 channel
	Motion detection	High/middle/low sensitivity adjustable
USB	HOST port	The front panel used for files backup and firmware upgrading
LAN	RJ45	Optional (Used for video monitoring)
	WIFI	Optional
	3G/4G	HSPDA/EVDO/CDMA2000/FDD-LTE/TDD-LTE module optional
GPS	GPS	GPS/ Glonass module optional
Extension interface	RS232	RS232 interface X1
	RS485	RS485 interface X1
	Intercom	Available
	G-sensor	Available
	Canbus	Optional
Others	Power supply and consumption	DC8-36V 5% ≤12W
	Operating Temperature /humidity	-20~ +85℃/≤80%
	Clock	Built-in clock, and calendar
	Dimension	154 (L)*190 (W)*52 (H) mm
	Package	L220*W110*H175mm/unit
	Net weight	0.9KG/set
	Gross weight	1.1KG/set