# DEFENDER™ SECURITY

Hybrid 8 Channel High Definition DVR Kit with;
8x Dome Camera, 1000GB (Installed & Formatted)
and Including all Accessories for an Instant Security Solution.

- Real Time HD Recording and Playback
- Hybrid Channel DVR with Ergonomic Design and Interface
- Hybrid DVR supports up to 1080P Recording in AHD Analog, IP Technology and Standard Definition
- Seamless Set up with P2P Cloud Technology – Fully Network Compatible
- Remotely Access your Security System from Anywhere in the World Via our Free App and Software
- Robust Metal Indoor/Outdoor Security Cameras with 20m IR Providing Clear HD Imaging Day and Night
- Perfect for Home, Retail Unit, Office and Warehouse Applications
- Free Lifetime Technical Support

Mouse USB | 3G | Audio | VGA

Network | USB 2.0 | Alarm | PTZ

SATA | 4/8/16
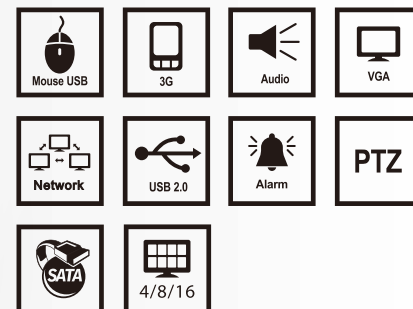
System	Main processor	Technical grade embedded microprocessor HI 3521A, Embedded LINUX operating system
	Display screen	1/4/8 screen
Video	Video standard	PAL(625 lines,50fps);NTSC(525lines,60fps)
	Monitor quality	VGA: HD; HDMI: HD
	Encode capability	Local analog input: 8*1080N; 8*720; 4*720, 4*AHD-L
		Local analog + network digital input: 4*1080N(analog)+4*720P(ip)
		All network digital input: 2*1080P+2*720P; 8*720P;
	Decode capability	1*1080N
	Motion detection	Each channel can set 192(16*12)detection area; can set multi-level of flexibility
Playback	Record mode	manual>alarm>motion detection>timing
	Local playback	4ch playback synchronously
	Video search	time, date, event, channel search
Record	Space occupation	720P 20G/day; 960H 12~20G/day*ch; audio: 691.2M/day*ch
	Video storage	Local HDD, Network
	Back up mode	Network backup, USB portable HDD, USB imprint
Interfaces	Video input	8ch BNC
	Video output	1ch VGA,1ch HDMI
	Audio input	4ch
	Audio output	1ch
	Alarm input	NO
	Alarm output	NO
	Network port	RJ45 10M/100M self-adaptive Ethernet port
	PTZ control	1 Rs485; support multi kinds of PTZ protocol
	USB port	2*USB2.0
	HDD port	1* SATA ports(biggest 6TB)
	3G WIFI	YES
	Power	12V2A

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Day & Night

IR Cut Filter

IP65

OSD

CMOS

AHD

Auto Gain Control
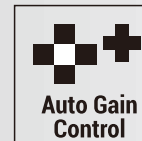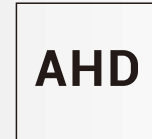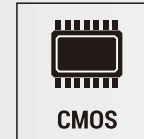
Image Sensor	1/4" OV 1.0MP CMOS Sensor
Effective PictureElements	1280 X720
Resolution	720P
Signal System	PAL / NTSC
Minimum Illumination	0.01 Lux/F1.2
S/N Ratio	More than 50dB
Synchronous System	Internal
IR Distance	20 Meters (with Φ5X42PCS Infrared LED)
IR Power On	Photodiode AUTO Control
Video Output	AHD/CVI/CVBS/TVI
Functions	DNR, OSD
Power/Current	DC12V(+/-10%)/500mA
Lens	Board Len 3.6mm
Weather Proof	IP 65
Dimension (mm)	Φ94 x 69(H)
Weight (g)	450
Operating Conditions	-10~+50°C RH95% MAX

Kit Contents:

- HD Hybrid 8 Channel with 1000GB HDD Installed & Formatted
- 8 x 720p/960h White Metal Dome Camera With IR
- 8 x 18m BNC Shotgun Cable
- 1 x 9-Way Power Splitter
- 2 x Power supply
- 1 x Manual
- 1 x Mouse
- 1 x Remote Control
- 1 x Lifetime Technical Support

*Images shown are simulated, for illustrative purposes