

# HDTV

# 32CH



## MAGIC Plus SERIES

PLUG BOTH **ANALOG & HD-TVI**  
CAMERAS IN ONE DVR

*Magically Detects HD-TVI & Analog Cameras*

### IT JUST WORKS!

*Magic technology bridges the gap between analog security and the next generation high definition digital security.*

### WHAT IS MAGIC TECHNOLOGY?

*Magic Technology is designed to adopt various video signal types in a single Digital Video Recorder. In other words, any past generation analog CCTV cameras you own, high definition digital CCTV- cameras will work seamlessly with the DVR.*

- Automatically Detects Analog / 960H / HD-TVI Camera
- Programmable Spot Out
- iPhone® Android® Remote View App Available
- Crystal Clear 1080p Live Video Quality
- Dual Streaming
- Mac CMS Application
- POS Interface Ready
- RS-485 for PTZ Control
- Free DDNS Support

HDD INSTALLATION AVAILABLE UPON REQUEST  
IR REMOTE & MOUSE INCLUDED

MADE IN KOREA

1. Cellular data service required. Software may not compatible due to OS version requirements

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# HD TVI



**SMART  
PHONE  
APP AVAILABLE**

**MR. Patrol**



**FREE  
DDNS SERVICE**

**HDMI  
OUTPUT**

- Full Gui With Alpha Blending
- Individual Setting Of Resolution, Frame Rates And Picture Quality
- Instant Replay
- Digital Zoom (Live & Playback)
- Mouse Control
- Weekly Scheduler With Holiday By 10 Minutes Setting
- Covert, Disable And Private Function Of Cameras
- Motion Detection With 352 Area Settings
- Relay Alarm Output
- PTZ Control By RS-485
- Daylight Saving Time And Network Time Setting
- Multi-User Authority Up To 8 Users
- De-Interlacer Upon Live And Playback
- 22 Languages With Full Graphic
- Individual Network Port Setting
- Auto Deletion
- Import And Export The Configuration
- Mirroring
- POS Interface
- Dual Codec Engine For Independent Video Transmission
- Interactive Setup via Network

REAR PANEL



Model		TVST MAGIC-TP32M		
Video	Camera input	32 BNC		
	Individual HD/Analog selectable	All Hybrid		
	Available source	TVI 720p25,30/1080p25,30/Composite/960H/Mixed		
	IP Camera	Spec	ONVIF 2.3, RTSP, H.264, dual stream use gigabit ethernet hub	
		Num	4	
Restriction	Cannot display HD SPOT, SPOT Cannot setup Private ZONE Cannot attach email image Cannot snapshot live image Cannot support Timestamp			
Output	1 HDMI (Main Display or Programmable HD Spot) 1 VGA (Main Display or Programmable HD Spot) 1 Composite (Programmable SPOT)			
Audio	Audio input	16 RCA		
	Output	1 RCA		
Sensor In		16 (NC, NO selectable)		
Alarm out		2 Relay, 14 TTL		
Operating System		Embedded Linux OS		
Display	Speed	Real Time		
	Resolution (Pixel)	1280X1024, 1280X720, 1920X1080		
	Split screen	1,4,6,8,9,13,16		
Main Recording	Resolution (Pixel)	1080p, 720p, 960x540 (1080p25,30) 720p, 960x540 (720p25,30) 960H, D1, 480x240, CIF (Composite, 960H)		
	Picture quality	4 steps (Super, High, Medium, Low)		
	Speed	NTSC area	480fps@720p/480fps@1080p	
		PAL area	400fps@720p/400fps@1080p	
Dual Recording	Condition	Main Recording is 1080p, 720p		
	Resolution (Pixel)	480x256		
Playback	Display	1,4,6,8,9,13,16,25,32		
	Search mode	Calendar, Event ,POS , Panorama, Thumbnail		
	Speed	NTSC area	480fps@1080p	
		PAL area	400fps@1080p	
Fast/Slow speed	Normal, REW & FF [recorded speed x2, x4, x8, x16,x32,x64,x1/2,x1/4], Frame to frame, Pause			
Network (Individual setting of resolution, frame rates and picture quality)	Network Interface	Gigabit Ethernet x 2		
	High Resolution (Pixel)		1080p, 720p(1080p25,30) 720p, 960x540 (720p25,30) 960H, D1 (Composite, 960H)	
		Low Resolution (Pixel)		480x256 (1080p25,30) 480x256 (720p25,30) CIF (Composite, 960H)
			Speed	NTSC area
	PAL area	140fps@1080p		
	Protocol	TCP/IP, HTTP, DHCP		
	Application	Windows 7 / 8 (PC Client system& IE)/MAC		
	Web Browser	Internet Explorer, Safari, Chrome, Firefox		
	Smart phone App	Android, iPhone for live and search		
	Backup	Interface	USB 2.0 X 3	
Backup device		External HDD, CD&DVD-RW, Network, Thumb Drive		
The number of HDD		4 SATA + 1 eSATA(upto 12 bays, No capacity limit ; 4TB or more)		
Others	Power Consumption	150W		
	Operating Temp.	5 ~40°C(41 ~104F)		
	Relative Humidity	Maximum 80% non-condensing		
	Dimension	430(W)×420(D)×88(H)mm		

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