

MAGIC U Series - 8CH 1080p DVR System 4K output - Supports EX-SDI / HD-SDI / HD-TVI / A-HD / 960H / Analog / IP



EX-SDI Magic U 1080p 16 CH 

Magic U DVR detects Analog / 960H / HD-TVI / A-HD / EX-SDI / HD-SDI cameras automatically • Records up to 4 IP cameras • REAL-TIME Live / 1080p@ Pentaplex Recording • **Programmable Multi-CH HD Spot Out** • 4K Video output • Touch Interface • iPhone® Android® App Available (**MR.PATROL**). • Mac CMS application • POS Interface ready • Free DDNS Support • 2 x SATA (up to 12TB; 6TB EA.)
Please use the link [HERE](#) to add HDD to cart.

MAGIC



TRUE HYBRID AUTO CAMERA SENSING

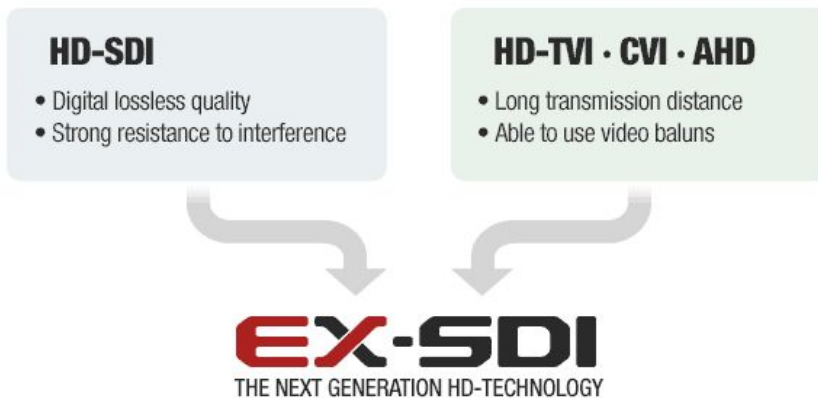


What is Magic Technology?

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, as well as the newest technology, EX-SDI, digital CCTV-cameras will work seamlessly with the Magic DVR. Magic technology bridges the gap between analog security and the next generation high definition digital security.

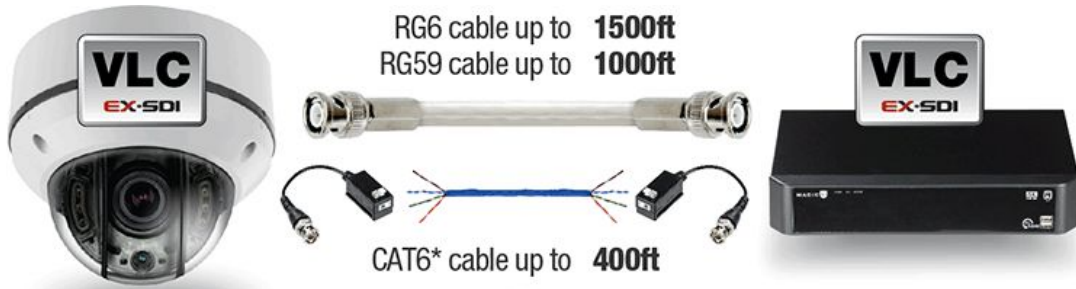
What is EX-SDI?

Union of great advantages from all existing technologies



The Secrets

EX-SDI utilize low frequency signal combine with the new VLC (Visually Lossless CODEC) technology, able to push up 99% identical image quality at more than twice the transmission distance.



Visually Lossless CODEC (VLC)

* with EX-SDI baluns

100% DIGITAL SIGNAL

270Mbps EX-SDI Low speed = long transmission distance
 1485Mbps HD-SDI High speed = short transmission distance

Ready for 4K

EX-SDI is built in mind of adopting 4K resolution to security. Thanks to the EX-SDI VLC feature, because of that it is possible to transmit 4K in realtime FPS over coaxial cable.

Backward Compatibility

EX-SDI Magic series will work with any HD-SDI cameras. Just like the Magic series once were compatible with their predecessors' technologies

Video Balun compatible

UTP cable is another option to transmit EX-SDI video signal in order to reduce cable cost. Specialized video balun for EX-SDI is required. (sold separately)



KEY FEATURES

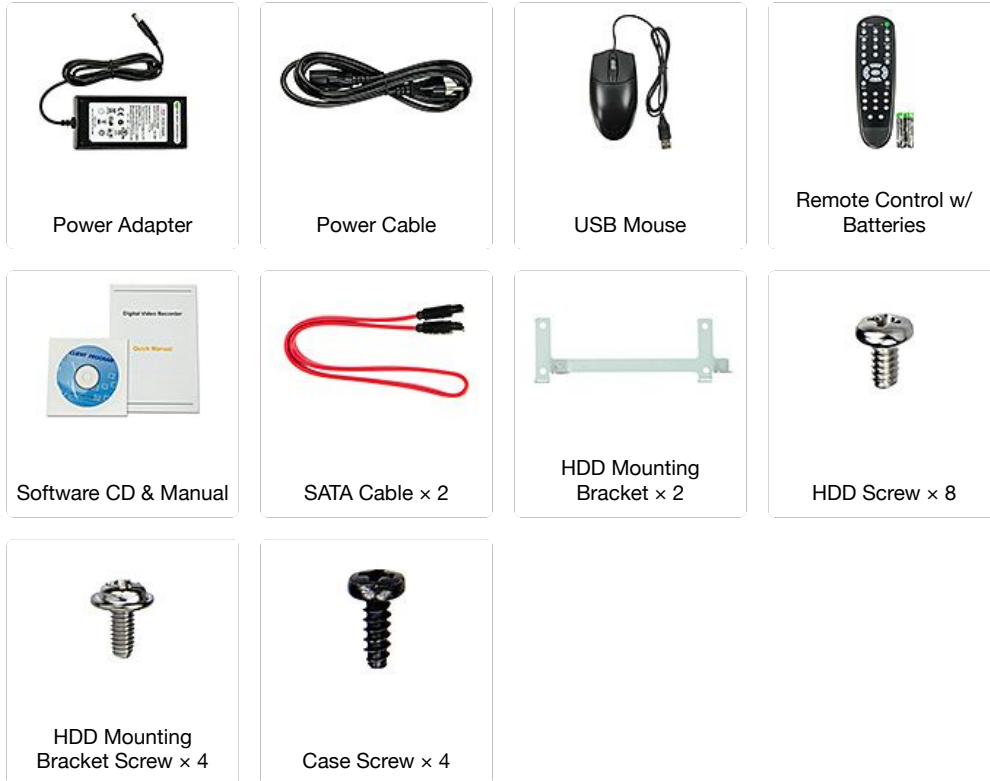
- Allows to assign IP Camera on a selected channel (Max 4 CH)
- Programmable Multi-CH HD spot out (VGA / HDMI) or analog composite spot out
- Full GUI with Alpha Blending
- Individual Setting of Resolution, Frame Rates & Picture Quality
- Instant Replay
- Digital Zoom (Live & Playback)
- Mouse Control
- Weekly Scheduler with Holiday by 10 min Setting
- Covert, Disable & Private Function of Cameras
- Motion Detection with 576 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 & Playback
- 22 Languages with Full Graphic
- Individual Network Port Setting
- Auto Deletion
- Import and Export the Configuration
- POS Interface
- Dual CODEC Engine for Independent Video Transmission

SPECIFICATIONS

Video	
Camera input	8 BNC
Individual HD/Analog selectable	All Hybrid
Available source	HD-SDI 720p25,30/1080p25,30 EX-SDI 720p25,30/1080p25,30 /Composite/960H/Mixed
IP Camera Spec	ONVIF 2.3, RTSP, H.264, dual stream use gigabit ethernet hub
IP Camera Num	4
IP Camera 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	4 RCA
Output	1 RCA
Sensor In	4 (NC, NO selectable)
Alarm out	1 relay
Operating System	Embedded Linux OS
Display	
Speed	Real Time
Resolution (Pixel)	1280×1024, 1280×720, 1920×1080, UHD
Split screen	1,4,6,8,9
Main Recording	
Resolution (Pixel)	1080p, 720p, 960×540 (1080p25,30) 720p, 960×540 (720p25,30) 960H, D1, 480×240, CIF (Composite, 960H)
Picture Quality	4 steps (Super, High, Medium, Low)
Speed	240fps@1080p
Dual Recording	
Resolution (Pixel)	480×256
Playback	
Display	1,4,6,8,9
Search mode	Calendar, Event ,POS , Panorama, Thumbnail
Speed	60fps@1080p
Fast/Slow speed	Normal, REW & FF [recorded speed ×2, ×4, ×8, ×16,×32,×64,×1/2,×1/4], Frame to frame, Pause
Network (Individual setting of resolution, frame rates and picture quality)	
Network Interface	Gigabit Ethernet
High Resolution (Pixel)	1080p, 720p(1080p25,30) 720p, 960×540 (720p25,30) 960H, D1 (Composite, 960H)
Low Resolution (Pixel)	480×256 (1080p25,30) 480×256 (720p25,30) CIF (Composite, 960H)
Speed	70fps@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 2.0×2

Backup device	External HDD, CD&DVD-RW, Network, Thumb Drive
The number of HDD	2 SATA(No capacity limit ; + 1 eSATA(upto 12bays, No capacity limit ; 6TB or more)
Others	
Power Consumption	60W
Operating Temperature	5 ~40°C(41~104°F)
Relative Humidity	Maximum 80% non-condensing
Dimension	340(W)×250(D)×60(H) mm

Contents



Smartphone Apps



Mr.Patrol
for iPhone



Mr.Patrol
for Android