MAGIC QL Series - 16CH 1080p DVR System - Supports EX-SDI / HD-SDI / 960H / Analog / IP

[EX-SDI] [1080p] [16 CH]

Magic DVR detects Analog / 960H / EX-SDI / HD-SDI cameras automatically • Records up to 4 IP cameras • REAL-TIME Live / 1080p@ Pentaplex Recording • iPhone® Android® App Available **(MR.PATROL)**. • Mac CMS application • POS Interface ready • Free DDNS Support • 2 × SATA (up to 12TB; 6TB EA.)
Please use the link HERE to add HDD to cart.

What is EX-SDI?

Union of great advantages from all existing technologies

HD-SDI
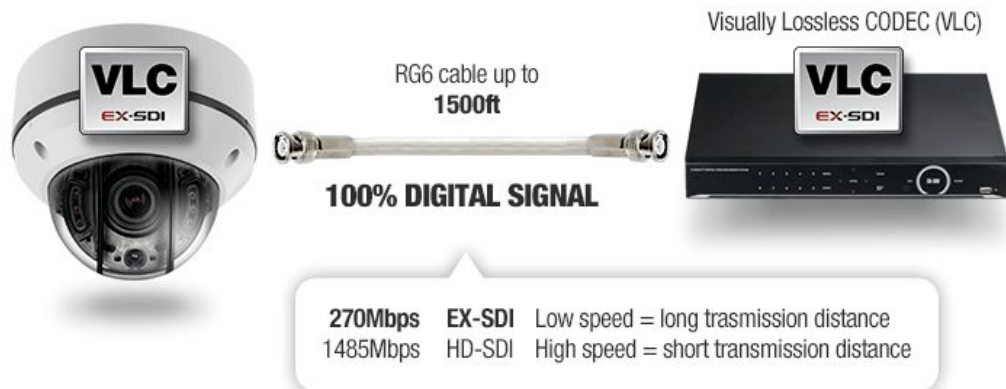- Digital lossless quality
- Strong resistance to interference

HD-TVI · CVI · AHD
- Long transmission distance
- Able to use video baluns

EX-SDI
THE NEXT GENERATION HD-TECHNOLOGY

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)

RG6 cable up to **1500ft**

100% DIGITAL SIGNAL

| 270Mbps | EX-SDI | Low speed = long trasmission 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)

MAGIC QL SERIES

ANALOG CAMERAS · 960H CAMERAS · EX-SDI CAMERAS · HD-SDI CAMERAS · IP CAMERAS

IT JUST WORKS!!
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 technilogy, 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.

KEY FEATURES

- Full GUI with alpha blendingIndividual setting of resolution, frame rates and picture quality
- Instant Replay
- Digital Zoom
- Mouse Control
- Weekly scheduler with holiday by 10 minutes setting
- Covert, Disable and Private function of cameras
- Motion Detection with 576 area setting
- Relay alarm output
- PTZ control by RS-485
- Daylight Saving Time and Network Time Setting
- Multi User Authority
- Deinterlacer upon live and playback
- Multi languages with full graphic
- Individual Network port setting
- Auto Deletion
- Import and Export the configuration
- Interactive setup via network
- POS Interface
- Mirroring

SPECIFICATIONS

Video	
Camera input	16 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 ethnet hub
Num of IP Camera Suuport	4
IP Camera Restrictions	Cannot display 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 & I/O	
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
Split screen	1,4,6,8,9,13,16
Main Recording	
Resolution (Pixel)	1080p, 720p (1080p25,30) 720p, 960x540 (720p25,30) 960H, D1(Composite, 960H)
Picture quality	4 steps (Super, High, Medium, Low)
Speed	240fps @ 1080p
Dual Recording	
Resolution (Pixel)	480×256
Playback	

Display	1,4,6,8,9,13,16
Search mode	Calendar, Event ,POS , Panorama, Thumbnail
Speed	120fps @ 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, 960x540 (720p25,30) 960H, D1 (Composite, 960H)
Low Resolution (Pixel)	480×256 (1080p25,30) 480×256 (720p25,30) CIF (Composite, 960H)
Speed	100fps @ 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 ; 6TB of more)
Others	
Power Consumption	60W
Operating Temperature	5 ~40°C(41~104°F)
Relative Humidity	Maximum 80% non-condensing
Dimension	380(W)×340(D)×50(H) mm

Contents

Power Adapter

Power Cable

USB Mouse

Remote Control w/ Batteries

Software CD & Manual

SATA Cable × 2

HDD Screw × 8

HDD Screw × 8

Case Screw × 4

Smartphone Apps

Mr.Patrol
for iPhone

Mr.Patrol
for Android