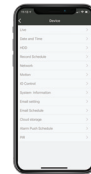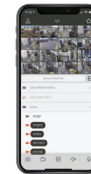**KEY FEATURES**

- 4k AHD DVR
- All Channel Audio Inputs
- H.265 / H.264 Video Compression
- Continuous / Manual / Motion recording mode
- 1SATA HDD, up to 8TB storage
- 8CH BNC inputs + 4 CH IP (via network) 12 CH total

The Cortex Medallion Series Hybrid 4K DVRs provide the best user experience for a fantastic value. Its the ideal solution for commercial or residential projects that combine legacy and future proof technologies. By engineering a DVR that provides durable, long lasting performance, Cortex has raised the bar for video surveillance once again. These models are a perfect fit for every install and give the owner 4K CCTV capability plus IP expansion.

CORTEX IQ

SPECIFICATIONS

Video Compression	H.265 / H.264
Video System	NTSC / PAL
Operation System	Linux (embedded)
Analog video-input /out	8CH inputs / VGA and HDMI ouput
IP Video Input	4ch only IP
Composite Video Input	8ch 960H / AHD / TVI / CVI
Audio input /output	8CH inputs / 1CH output (RCA)
DISPLAY	

Resolution	4K Model:
	Analog : 8MP(15fps)
	              5MP(20fps)
	              4MP/3MP/1080P/720P/
	              960H (30fps)
	IP : 4MP/3MP1080P/720P
	5MP Model:
	Analog : 5MP(20fps)
	              4MP/3MP/(30fps)
	              1080P/ 720P / 960H
	IP : 4MP/3MP/1080P/720P

Feature	1 / 4 / 6 / 8 / 9 / S.E.Q.
RECORD	
Resolution	Analog :8MP/5MP/4MP/3MP/1080P/ 720P/960H IP : 4MP/3MP/1080P/720P

Speed	4K Model:
	Analog : 8MP:7fps(each ch)
	         5MP:10fps(each ch)
	         4MP:15fps(each ch)
	         3MP:17fps(each ch)
	         1080P:PAL:25fps(each ch)/
	          NTSC:30fps(each ch)
	   IP : PAL:25fps(each ch)/NTSC:
	         30fps(each ch)

IP-Recording Bandwidth (Maximum input Bandwidth)	32-96Mbps (decreasing one Analog channel can increase 8Mbps)

Recording Mode	Continuous / Manual / Motion detection
Synchronous Playback	8CH
Network Type	Lan - DHCP / and DDNS
HDD interface	1SATA HDD, up to 8TB
Multiplex Operation	live display - record - playback - backup and network
USB	1xUSB3.0 1*USB2.0(for mouse and backup / upgrade)
Sensor and Alarm I/Q	8CH inputs /1CH output
PTZ Control	Yes (RS485)
Mobile Surveillance	Support IOS on iPhone and Android operation system
VGA / HDMI	1024*768 / 1280*720 / 1280*1024 / 1440*900 / 1920*1080(1080P) / 2560*1440(2K) / 3840*2160(4K)
Power Supply	DC 12V/2A
Dimension (W x D x H)	300 x 227 x 53mm 11.6 x 8.93 x 2 inches
Working Temperature	-10°C~+55°C
Working Humidity	10%~90%

COR-MD8