



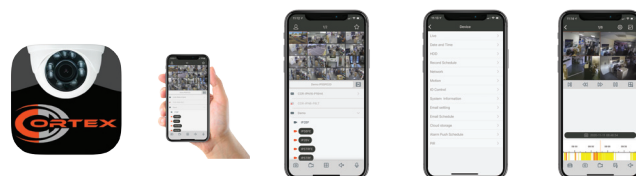
### KEY FEATURES

- 4K Hybrid DVR
- H.265 / H.264 Video Compression
- All Channel Audio Inputs
- Continuous / Manual / Motion recording modes
- 4K COAX compatible and 4K HDMI output
- 2 SATA HDD, up to 10TB for each disk

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.

### SPECIFICATIONS

<b>*RECORDING BANDWIDTH*</b>	
IP Cam Inputs	64~192Mbps, IP Bandwidth default is 64Mbps, Decrease one Analog channel can increase 8Mbps Analog channel and digital channel can be converted
IP Cam Out	192Mbps
Analog Video-Input	16CH inputs
<b>*LIVE*</b>	
IP Video Input	8ch (only IP up to 24ch)
Composite Video Input	Up to 24ch (Analog Video + IP Video)
<b>*MONITORS*</b>	
BNC	1 (704*576)
VGA	1 (1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 )
HDMI	1(1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160 / EDID)
USB	USB 2.0*1(front) , USB 3.0*1+(rear)
Audio	16 in /1 out
HDD	2 SATA HDD, up to 10TB for each disk
Ethernet	1 RJ45 100/1000 Base-T
RS485	1
Alarm Input /Out	16 in /1 out
<b>*UI / MONITORING*</b>	
Local	UI5.0
WEB	IE10/11,Safari V12.1 above,Firefox V.52 above,Google chrome V.57 above,Edge V.79 above
Mobile viewer	Rxcamview
Push Notification	Yes
Pass Word Reset	Factory Reset : Press 10 seconds
<b>*RECORDING AND PLAYBACK*</b>	
Compression	Audio : G.711a Video : H.264/H.265
Display Resolution	Analog AHD: 8MP(15fps) 5MP(20fps) 4MP/1080P/720P/960H (30fps) IP : 4K/4MP/1080P/720P Single IP channel preview up to 4K 30 fps



### CORTEX IQ

<b>*RECORDING AND PLAYBACK*</b>	
Speed	<b>SMain-stream</b> Analog : 8MP:10fps(each ch) 5MP:15fps(each ch) 4MP:20fps(each ch) 1080P:PAL:25fps(each ch) NTSC:30fps(each ch) IP : PAL:25fps(each ch) NTSC: 30fps(each ch) <b>Sub-stream</b> Max : PAL:704*576:10fps(each ch) NTSC:704*480:10fps(each ch)
AI	PID - Perimeter Intrusion Detection,LCD - Line Crossing Detection,PD&VD - Human&Vehicle Detection, FD - Face Detection,FR - Face Recognition
Event	MD (Sensitivity Level 1~8), Video loss, Beep, Email, Push notification to Mobile APP
Playback Function	Fast forward / backward (2x, 4x, 8x, 16x), Slow forward (1/2x, 1/4x, 1/8x, 1/16x)
Playback	8MP:144fps (Max 16CH playback) 5MP: 240fps(Max 16CH playback) 4MP: 320fps (Max 16CH playback) 1080P:480fps (Max 16CH playback)
<b>*GENERAL*</b>	
OSD Language	English/French/Spanish/Portuguese/German/Italian/Greek/Danish/Finnish/Russia/Hebrew/Turkish/Bulgarian/Arabic/Korean/Japanese/Thai/Hindi/Romanian/Dutch/Polish
Power Supply	DC 12V / 5A
Power consumption (excluding hard disk)	≤20W
Working Temperature	0°C~+40°C (32°F ~ 104°F)
Working Humidity	Less than 90% RH
Dimension ( W x D x H )	378 x 340 x 50mm 14.8 x 13.3 x 2 inches