

## (4K) CORTEX 256 NETWORK RECORDER with Smart AI Features

**MDS**  
MEDALLION SERIES™



### FEATURES

- Quick QR Code Plug and Play
- Simultaneous HDMI and VGA Output
- Facial Recognition & LPR Databasing
- AI Smart Features
- Multiplex Functionality
- 4K in and 4K
- Dual LAN



CORTEX IQ

### SPECIFICATIONS

<b>VIDEO *</b>	
Resolution	12MP, 8MP ,5MP, 3MP , 2MP (1080P) ,1.3MP (960P), 1.0MP (720P)
<b>*RECORDING BANDWIDTH</b>	
Recording Bandwidth Input	1080Mbps
Recording Bandwidth Output	800Mbps
<b>LIVE / PLAYBACK *</b>	
Compression	Audio: G.711A;G.711U Video : H.264/H.264+/H.265/H.265+
Frame rate	4K: 240fps 4MP: 480fps 2MP: 960fps
Event	MD (Sensitivity Level 1~8) , Videlo 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)
RAID Type	RAIDO, RAID1, RAIDS, RAID6, RAID10
Feature	1 / 4 / 6 / 9 / 12 / 16 / 20 / 25 / 32 / 64 / 256 / S.E.Q
Fisheye	Use WEB, VMS, CORTEX iQ, local GUI
<b>UI / MONITORING *</b>	
WEB	IE10/11,Safari V12.1 above ,Firefox V.52 above Google chrome V.57 above, Edge V.79 above
Mobile viewer	CORTEX IQ
Push Notification	Yes
Ai Smart Features	Face Recognition (FR) Human&Vehicle Detection (PD&VD) Perimeter Intrusion Detection(PID) Line Crossing Detection(LCD) Cross Counting (CC)Stationary Object Detection (SOD) Heat Map(HM)Crowd Density Detection (CD) Queue Lenght Detection (QD) license Plate Detection (LPD) Rare Sound Detection (RSD)

<b>INTERFACE *</b>	
Password Reset	Factory reset press 10 seconds, security questions
<b>CONNECTIONS *</b>	
Ethernet	2 x RJ45 10/100/1000 Base-T
PoE	N/A
USB	USB2.0 x1(front) / USB3.0 x 2 (rear)
Audio out	1
E-sata	1
HDD	16 SATA HDD, up to 18TB each
Line in	1
RS232 / RS485	1 x RJ45 / 1
Alarm Input/out	16 in / 4 out
<b>MONITORS *</b>	
HDMI	3 x (1024 x 768, 1280 x 720, 1280 x 1024, 1440 x 900, 1920 x 1080, 1920 x1080 , 1600 x 1200,1920 x1200, 3840 x 2160, 7680 x 4320 / EDID) Async out *If the output resolution of HDMI 1 is set to 8K, the maximum output resolution of HDMI 3 and 4 will be limited to 1080P, and HDMI 2 will be disabled. 1 x (1024 x 768, 1280 x 720, 1280 x1024, 1440 x 900, 1920x1080 /EDID ) Async out
<b>GENERAL *</b>	
OSD Language	English French Spanish Portugues German Italian Greek Danish Finnish Russia Hebrew Turkish Bulgarian Arabic Korean Japanese Thai Hindi Romanian Dutch Polish
<b>ELECTRICAL *</b>	
Input Voltage / Current	ATX 250W
Power consumption (excluding hard disk)	8W
<b>*ENVIRONMENTAL</b>	
Operating Temperature	Temperature : -10°C~+50°C (14°F ~ 122°F)
Operating Humidity	Humidity : Less than 90%RH
<b>*MECHANICAL DESIGN</b>	
Dimension ( W x D x H )	440 x 460 x 149mm (17.3 x 18.1 x 5.8 inches)

COR-IPN256-H16

