

## 16 CHANNEL NETWORK VIDEO RECORDER with POE



### FEATURES

- Modern Intuitive GUI
- Simultaneous HDMI and VGA Output
- Facial Recognition & LPR Databasing
- Intelligent Analytics Setup
- 128 Channel CMS
- Quick QR Code Plug and Play
- Multiplex Functionality
- 4K in and 4K out



CORTEX IQ

### SPECIFICATIONS

VIDEO *	
Resolution	12MP, 8MP, 5MP, 3MP, 2MP (1080P), 1.3MP (960P), 1.0MP (720P)
*RECORDING BANDWIDTH	
Recording Bandwidth Input	112Mbps
Recording Bandwidth Output	98Mbps
Video System	NTSC / PAL
Operation System	Linux (embedded)
IP Video Input	16ch PoE
LIVE / PLAYBACK *	
Compression	Audio : G.711A;G.711U Video : H.264/H.264+/H.265/H.265+
Frame rate (speed)	4K: 45fps 4MP: 90fps 2MP: 180fps
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)
Multiplex Operation	live display - record - playback - backup and network
Fisheye	Use WEB, VMS, CORTEX iQ, local GUI does not support de-warping
Feature	1 / 4 / 6 / 8 / 9 / 10 / 12 / 13 / 14 / 16 / S.E.Q
Playback	Max 16CH playback
UI / MONITORING *	
WEB	IE10/11,Safari V12.1 above ,Firefox V.52 above Google chrome V.57 above, Edge V.79 above
Push Notification	Yes
Mobile viewer	CORTEX IQ
AI Smart Feature	Face Recognition (FR) Human&Vehicle Detection (PD&VD) Perimeter Intrusion Detection(PID) Line Crossing Detection(LCD) Cross Counting (CC)Stationa Object Detection (SOD) Heat Map(HM)Crowd Density Detection (CD) Queue Lenght Detection (QD) license Plate Detection (LPD) Rare Sound Detection (RSD)

INTERFACE *	
Password Reset	Factory reset press 10 seconds, security questions
CONNECTIONS *	
Ethernet	1 RJ45 10/100/1000 Base-T
USB	USB2.0 x 1 (front), USB2.0 x 1 (rear)
POE	16 X RJ45, 802.3at/af / 48V PoE
Audio output	1CH output (RCA)
E-sata	N/A
HDD	2 SATA HDD, up to 14TB each
Alarm Input/out	8in /1 out
MONITORS *	
HDMI	1(1024x768, 1280x720, 1280x1024, 1440x900, 1920x1080, 2560x1440, 3840x2160/EDID)
VGA	1(1024x768, 1280x720, 1280x1024, 1440x900, 1920x1080 )
GENERAL *	
OSD Language	English French Spanish Portugues German Italian Greek Danish Finnish Russia Hebrew Turkish Bulgarian Arabic Korean Japanese Thai Hindi Romanian Dutch Polish
ELECTRICAL *	
Input Voltage/Current	DC48V/3.75A / 48V PoE
Power consumption (excluding hard disk)	8W
*ENVIRONMENTAL	
Operating Temperature	Temperature : -10°C~+50°C (14°F ~ 122°F)
Operating Humidity	Humidity : Less than 90%RH
*MECHANICAL DESIGN	
Dimension ( W x D x H )	300 x 302 x 54mm (11.6 x 11.7 x 2 inches)

COR-IPN16-P16

