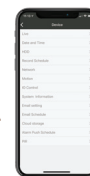


4K 32 CAMERA NETWORK RECORDER with 16 PoE



CORTEX IQ

SPECIFICATIONS

VIDEO *	
Resolution	12MP, 8MP, 5MP, 3MP, 2MP (1080P), 1.3MP (960P), 1.0MP (720P)
*RECORDING BANDWIDTH	
Recording Bandwidth Input	256Mbps
Recording Bandwidth Output	128Mbps
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: 60fps 4MP: 120fps 2MP: 240fps
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)
Multiplex Operation	live display - record - playback - backup and network
Fisheye	Use WEB, VMS, CORTEX IQ, local GUI
Feature	1 / 4 / 6 / 9 / 12 / 16 / 20 / 25 / 32 / 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) Stationary Object Detection (SOD) Heat Map (HM) Crowd Density Detection (CD) Queue Length 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), USB3.0 x 1 (rear) USB2.0 x 1 (rear)
POE	16 X RJ45, 802.3at/af / 48V PoE
Audio output	1CH output (RCA)
E-sata	1
HDD	4 SATA HDD, up to 18TB each
Alarm Input/out	16 in / 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	ATX280W / 48V PoE
Power consumption (excluding hard disk)	12W
*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)	379 x 326 x 66mm (14.8 x 12.7 x 2.5 inches)

