VIDEO INPUT		
Video input	Channel	8CH IP video input
	Protocol	WESP, Onvif Profile S
	Format	H.264, H.265
	Resolution	1st stream: 720p~4K 2nd stream: Max D1
	Performance	80Mbps
	Stream	RTSP over TCP, RTSP over HTTP
	PoE	8 PoE ports (Max 15.4W/port, Total 59W)
	PoE Mode	802.3af / midspan
VIDEO OUTPUT		
Video output	Port	1HDMI, 1VGA
	Format	HDMI : 4K, 1080p VGA : 1920×1080, 1280×1024, 1024×768
	Modes	Duplicate : HDMI, VGA Main
	Display	Main: 1, 4, 6, 9 split-screen
RECORDING		
Compression	H.264 / H.265	
Resolution	1st stream: 720p~4K 2nd stream: Max D1	
Rate	Total 240 fps, Max 30fps/ch @ 4K	
Bitrate	1st stream : Max. 8Mbps 2nd stream : Max. 2Mbps	
Mode	Manual&Event / Schedule&Event / Emergency	
Schedule	24hrs / 7days	
PLAYBACK		
Mode	Instant Playback / Search	
Speed	1/16x, 1/8x, 1/4x, 1/2x, 1x, 2x, 4x, 8x, 16x, 32x, 64x	
Search type	Time/Calender, Event, Thumbnail(Time, Motion), Text	
Block playback	1day ~ 365days	
EVENT & ALARM		
Event source	Motion detection, Sensor input, Video Loss, Text input, AI, System	
Event check schedule	24hrs / 7days	
Event action	Buzzer, E-mail, FTP, Video pop-up, Camera Preset, Mobile Alarm Push, System alarm	
Text input	POS/ATM support, AVE VSI Pro/Hydra support	
SYSTEM ALARM		
Event source	HDD fail. HDD almost full, Password fail, WRS/DDNS fail, Recording Fail	
Event action	Pop-up Message, Buzzer, E-mail, Mobile Alarm Push	
AUDIO		
Input/output	1 RCA (0.5 Vpp) input / HDMI & RCA output	
Compression	G.711u	
Direction	Both	
PTZ		
Protocols	IP Camera with Onvif protocol & WESP protocol	

NETWORK	
Interface	1 Gigabit Ethernet RJ-45 port (10/100/1000Mbps)
Protocol	WESP, HTTP, RTSP/RTP, (Onvif), UPnP, TCP/IP, UDP, ARP, ICMP, DHCP, SMTP, SNMP, SNTP, TLS
DDNS	WNS, DynDNS, NoIP, WRS
TX Performance	78Mbps
NTP	Mode : Server / Clinet / Both Server : Public / Private
Users	10 Monitoring, 4 Playback, 1 Configuration tool
TLS	Supported
Service Streaming	Remote DVR
SECURITY	
User level	1 admin, 10 users
User privilege	Menu, PTZ, Playback, Power on/off, Copy, Network MIC, Camera Setup
IP filtering	10 IP address ranges
STORAGE & BACKUP	
Storage devices	1 SATA HDD
RAID Level	Not supported
File system	High-performance proprietary file system Data-loss protection against power interrupt
Capacity	12TB HDD Supported per SATA Port
Backup type	Multi-channel exe file, Single channel avi file, JPEG(Capture)
Backup device	2 USB 2.0 drive (1 front, 1 rear) FAT32(Max 32GB), NTFS
S.M.A.R.T.	Health checking and alarm, Reallocation sector monitoring and alarm
SERIAL & I/O	
Serial port	1 RS-485
Sensor input	8 Dry-contacts + sensor of IP camera
Relay output	1 Relays
CONTROLLER	
Device	Joystick Keyboard(option), Mouse, IR remote controller(option)
SOFTWARE	
HTML5 Webviewer	Monitoring / Event / PTZ / Playback for browser supporting HTML5
ActiveX Webviewer	Monitoring / Event / PTZ / Playback for IE
Smart Phone App.	Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android
CMS	Control Center, Max. 1024 Units
SDK	ActiveX(COM) SDK

ENVIRONMENTAL & PHYSICAL	
Dimension	300(W)×209(D)×49(H)mm
Weight	1.1kg (No HDD)
Operating temperature	0°C ~ 40°C (32°F ~ 104°F)
Operating humidity	90% below, free of condensation
Power	DC48V 1.5A, 50/60Hz
IPFR	Not supported
Power consumption	Max 5W without HDD (TBD)
Approval(*)	KC, FCC, CE

QA1.2

(* 표시: 지원 예정 / * Marks: Scheduled to be supported

제품의 사양은 성능 및 품질 향상을 위해 사전 예고 없이 변경될 수 있습니다

(Specifications are subject to change without notice for product improvement