

Camera	
Image Sensor	5MP (Sony-Japan) Progressive scan Cmos Sensor (1/2.8")
Case Size	8"
CPU	Dual-Core ARM Cortex A7@900MHz
Lens	32X Optical Lens (4.8~158mm)
Resolution	2592*1944 (5MP)
Available IR Range	250~260 m Smart IR 12pcs Array
D/N Filter	IR Cut Filter Switch (ICR)
Min Illumination	Color: 0.001 Lux(AGC on) - B/W: 0.0 Lux(IR on)
PTZ	Pan Range: 360° Endless - Pan Speed: 0.1~120°/S Tilt Range: -10°~90° Auto Flip - Tilt Speed: 0.1~60°/S Number of Preset: 255 - Patrol: 32 - Pattern: 8 - Park Action: Yes
Night Vision	Color / IR
Picture Adjust	
Picture Function	120dB WDR/DWDR, 2D/3D DNR, BLC, HLC, ROI, Defog
Digital Zoom	16X
Shutter Speed	Manual (1/3 ~ 1/100.000), Auto
Image Control	Off, On, Timing (Adjust 0 ~ 255)
D/N Control	Timing, Auto, Color on, Color off
S/N	> 56dB
Image Setting	Saturation, Brightness, Contrast, Sharpness, Hue
Video / Audio	
Video Compression	H.264+(Ultra H.264), H.265+ (Ultra H.265)
Audio Compression	G.711A, G.711U
Frame Rate(60Hz)	30fps@ 5MP(2592*1944) , 30fps@ 4MP, 30fps@ 2MP
Transmission Stream	Triple Stream (Code Rate: 32Kbps- 16mbps)
Network	
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP, RTCP,NTP,IGMP,UPnP,SMTP,UPnP-TM, P2P ,Bonjour, RTMP
Compatibility	Onvif Ver2-6 , Profile S, G, T, CGI, SDK, API
Streaming Method	Unicast, Multicast
Web Viewer	IE, Edge, Firefox, Chrome
Recording Software	Unlimited KDT CMS/VMS 128CH Per Monitor

Function	
Recording	FTP, NVR, CMS,VMS, NAS, SD Card, ANR
Record Type	Manual, Motion Detection, Smart Detection, Schedule
Alarm Triggers	All Intelligent Function
Event Action	Email, Snapshot, Recording, Alarm Out
Event	Smart Motion Detection, Video Shelter
Auto Track	Yes
3D Position	Yes
Intelligent Function	13 Smart Function Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Loitering Detection, People Gathering Detection, Parking Detection, Blurred Detection, Scene Change Detection, Audio exception Detection
Interface	
Network	RJ45(10/100Mbps) Ethernet Port
Audio	Audio Out, Audio In
Alarm	Alarm Out, Alarm In
CVBS	N/A
Power	PoE LAN, DC/AC In
Reset Button	Yes (Optional)
Memory Slot	Built-in Micro SD/SDHC/SDXC slot, up to (256GB)
General	
IP Rating	IP67, IK10 , 6KV Surge Protection
Cover Lens	Nano Glass
Power Supply	AC24 V ± 25% (3A Max)
POE Supply	IEEE802.3at-Max 25 Watt
Web Language	English, Persian
Dimension	237*335 mm
Weight	5.2 kg
Operation Humidity	Max Up to 95%RH(Non Condensing)
Operation Temp	-40°C ~ +70°C
Guarantee	
Product Guarantee	5 Years Gold Guarantee
MTBF	100K hrs min. MIL-HDBK-217F (25°)