

<b>Image Sensor</b>	1/1.9" HD CMOS sensor
<b>Effective Pixel</b>	1920(H)x1080(V)
<b>White Balance</b>	Auto/Manual/ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
<b>AGC</b>	Auto/Manual
<b>S/N Ratio</b>	≥ 55dB
<b>BLC</b>	ON/OFF
<b>HLC</b>	Support
<b>Smart defog</b>	Support
<b>WDR</b>	120dB
<b>Day/Night</b>	ICR
<b>Digital Zoom</b>	16X
<b>Privacy Masking</b>	24 privacy masks programmable; optional multiple colors and mosaics
<b>Auto Focus</b>	Auto / Semi-automatic / Manual
<b>Focal length</b>	5.9-135.7mm, 23x
<b>Zoom speed</b>	Approx.4.4s(Optical Wide-Tele)
<b>Angle of view</b>	59.8-3.0 degree (Wide-Tele)
<b>Minimum Working Distance</b>	10-1500mm(Wide-Tele)
<b>Pan Range</b>	360°endless
<b>Tilt Range</b>	-20°~90°(Auto Flip)
<b>Proportional Zoom</b>	Rotation speed can be adjusted automatically according to zoom multiples
<b>Number of Preset</b>	300
<b>Power loss recovery</b>	Support
<b>Park Action</b>	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan
<b>PTZ Position Display</b>	ON/OFF
<b>Freeze Frame</b>	Support
<b>Smart-tracking</b>	Manual/ Panorama/ Intrusion trigger/ Line crossing trigger/ Region entrance trigger/ Region exiting trigger Smart tracking when patrol between multiple scenarios
<b>Wiper</b>	Optional
<b>Aperture Range</b>	No
<b>IR irradiation distance</b>	200m
<b>IR irradiation angle</b>	Adjustable by zoom
<b>Alarm Input</b>	7 Inputs
<b>Alarm Output</b>	2
<b>Alarm Action</b>	Preset, patrol, pattern, SD/SDHC card recording, relay output, notification on client
<b>Ethernet</b>	10Base-T, /100Base-TX, RJ45 Connector
<b>Max.Image Resolution</b>	1920x1080

<b>Main Stream</b>	50Hz: 25fps(1920×1080), 25fps(1280×960), 25fps (1280×720) 60Hz: 30fps(1920×1080), 30fps(1280×960), 30fps (1280×720)
<b>Sub Stream</b>	50Hz: 25fps(704×576), 25fps (352×288), 25fps (176×144) 60Hz: 30fps(704×480), 30fps (352×240), 30fps (176×120)
<b>Third Stream</b>	50Hz: 25fps(1920×1080), 25fps(1280×960), 25fps (1280×720), 25fps(704×576), 25fps (352×288), 25fps (176×144) 60Hz: 30fps(1920×1080), 30fps(1280×960), 30fps (1280×720), 30fps(704×480), 30fps (352×240), 30fps (176×120)
<b>Image Compression</b>	H.264/MJPEG/MPEG4, H.264 encoding with Baseline/Main/High profile
<b>ROI encoding</b>	Support 24 areas with adjustable levels
<b>Audio Compression</b>	G.711ulaw/G.711alaw/G.726/MP2L2/G.722
<b>Protocols</b>	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
<b>No.of simultaneous users</b>	Up to 20 users
<b>Three stream</b>	Support
<b>Mini SD Card</b>	Support up to 128GB Micro SD/SDHC/SDXC card. Support Edge recording
<b>User/Host Level</b>	Up to 32 users,3 Levels: Administrator, Operator and User
<b>Security Measures</b>	User authentication (ID and PW), Host authentication (MAC address) IP address filtering
<b>Camera Control</b>	Pan/Tilt, Zoom, Focus, Click centering, Zoom by mouse dragging, Iris, preset calling and programming, auto mode
<b>Date &amp; Time Display</b>	Time: Week: Date, 6 formats on the Client
<b>Client</b>	Support iVMS-4200
<b>Web Browser</b>	IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language
<b>RS-485 Protocols</b>	Pelco-P, Pelco-D, self-adaptive
<b>Menu Language</b>	English / Chinese
<b>Power Supply</b>	24 VAC & Hi-PoE
<b>Power Consumption</b>	Max.60W
<b>Working Temperature/Humidity</b>	-40°C ~ 65°C (-40°F ~ 149°F)

<b>Protection Level</b>	IP66, IK10, TVS 6,000V lightning protection, surge protection and voltage transient protection
<b>Mounting</b>	Various mounting modes optional
<b>Dimensions</b>	Φ266.6(mm)×365.2(mm)
<b>Weight(approx)</b>	8kg (approx.)
<b>Mount Option</b>	Long-arm wall mount: DS-1602ZJ; Corner mount: DS-1602ZJ-corner; Pole Mount: DS-1602ZJ-pole; Power box mount:DS-1602ZJ-box; Swan-neck mount: DS-1619ZJ
<b>Monitor Output</b>	1.0Vp-p / 75Ω, NTSC (or PAL) composite, BNC
<b>Audio Input</b>	1 channel Mic. Input (applicable microphone, plug-in power type), 2.0~2.4Vp-p, 1k Ohm±10%
<b>Audio Output</b>	1 Audio output interface Line level, impedance: 600Ω