

Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixel	1920(H)X1080(V)
White Balance	Auto / Manual / ATW / Indoor / Outdoor
AGC	Auto / Manual
S/N Ratio	50dB
Digital Noise Ratio	3D DNR
Backlight compensation	N/A
WDR	Support
Day/Night	IR Cut Filter
Digital Zoom	16X
Privacy Masking	8 privacy masks programmable; a maximum of 8 zones can be masked, simultaneously on the same video screen
Focus mode	Auto / Semiautomatic / Manual
Auto Focus	N/A
Enhancement	3D DNR
Focal length	4.7 - 94.0mm, 20x
Zoom speed	Approx.3s(Optical Wide~Tele)
Angle of view	58.3 - 3.3 degree(Wide-Tele)
Minimum Working Distance	10~1,000mm(Wide~Tele)
Aperture Range	F1.4~F3.5
Smart-tracking	N/A
Pan/Tilt range	Pan:360° endless; Tilt: -15°~90°(Auto Flip)
Pan/Tilt speed	Pan Manual Speed: 0.1°~400°/s, Pan Preset Speed: 400°/s Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: 200°/s
Proportional Zoom	N/A
Number of Preset	256
Pattern	N/A
Power of Memory	N/A
Power loss recovery	N/A
Park Action	N/A
PTZ Position Display	N/A
Freeze Frame	N/A
Scheduled Task	N/A
Smart IR	N/A
IR distance	Up to 100m
IR intensity	Automatically adjusted, depending on the zoom ratio
Alarm Input	2
Alarm Output	1
Alarm Trigger	N/A
Alarm Action	N/A

Video Output	N/A
Audio Input	N/A
Audio Output	N/A
Ethernet	N/A
Max.Image Resolution	N/A
Frame rate	N/A
Image Compression	N/A
SVC	N/A
ROI encoding	N/A
Audio Compression	N/A
Protocols	N/A
Simultaneous Live view	N/A
Streams	N/A
Mini SD Card	N/A
User/Host Level	N/A
Security Mesures	N/A
Application Programming	N/A
Web Browser	N/A
RS-485 Protocols	N/A
Power	12 VDC & POE (802.3at,class4)
Working Temperature	-30°C ~ 65°C (-22°F ~ 149°F)
Humidity	90% or less
Protection Level	IP66 standard TVS 4,000V lightning protection, surge protection and voltage transient protection
Dimensions	Φ164.5(mm)×295(mm)
Weight(approx)	2kg (4.41lbs)
Mount Option	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