

Image Sensor	1/3" CMOS
Effective Pixel	1920(H)x1080(V)
Focal length	4-120mm, 30X
Digital Zoom	16X
Zoom speed	Approx.3.0s(Optical Wide-Tele)
Angle of view	58-1.7 degree(Wide-Tele)
Minimum Working Distance	10-1500mm(Wide-Tele)
Aperture Range	F1.6-F4.4
Focus mode	Auto / Semiautomatic / Manual
DWDR	Support
S/N Ratio	≥ 50dB
AGC	Auto/Manual
White Balance	Auto / Manual / ATW / Indoor / Outdoor
Day/Night	IR Cut Filter
Privacy Masking	8 privacy masks programmable; a maximum of 8 zones can be masked simultaneously on the same video screen
Enhancement	N/A
Pan/Tilt range	360° endless Tilt: -15°-90° (Auto Flip)
Pan/Tilt speed	Pan Manual Speed: 0.1°-160°/s,Tilt Manual Speed: 0.1°-120°/s, Tilt Preset Speed: 200°/s
Number of Preset	256
Pattern	4 patterns, with the total recording time not less than 10 minutes
Park Action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan / Random scan / Panorama scan
Scheduled Task	Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan / Random scan / Panorama scan
RS-485 communication diagnosis	Support
Turbo HD Output	N/A
CVBS Output	N/A
Alarm Input	N/A
Alarm Output	N/A
RS-485 interface	Half-duplex mode Self-adaptive , Pelco-P, Pelco-D protocol
UTC function	Need UTC controller if DVR don't support UTC function
Audio Input	N/A
Audio Output	N/A
RS-485 Protocols	N/A
Power	24VAC(for -A moel) Max. 30W(IR: 9W, Heater: 6W)

Working Temperature	-30 °C-65°C(-22°F-149°F)(outdoor dome) 90% or less
Protection Level	IP66 standard TVS 4,000V lightning protection, surge protection and voltage transient protection
Mounting	Various mounting modes optional
Dimensions	Φ220×353.4mm (Φ8.66"×13.91")(Outdoor)
Weight(approx)	4.5kg(9.92 lbs)
Mount Option	Long-arm wall mount: DS-1602ZJ;Corner mount: DS-1602ZJ-corner; Pole Mount: DS-1602ZJ-pole; Power box mount:DS-1602ZJ-box
Menu Language	English, Chinese
IR distance	No
IR intensity	No