

# DH-SD42C212I-HC

2MP 12x PTZ HDCVI Camera



- · 1/2.8" 2Megapixel Exmor CMOS
- · Powerful 12x optical zoom
- · Max. 25/30fps@1080P
- · DWDR, 3D DNR
- · IK10





#### **System Overview**

Featuring with powerful optical zoom and accurate pan/tilt/zoom performance, the SD42C series PTZ camera can provide large monitoring range and great detail. The camera delivers 1080P resolution at 25/30 fps, with 12x optical zoom. SD42C series PTZ is equipped with quick and smooth control, high quality image and good protection, which make it can meet most of the requirements of video surveillance applications.

#### **Functions**

#### Simplicity

HDCVI technology inherits the born feature of simplicity from traditional analog surveillance system, making itself a best choice for investment protection. HDCVI system can seamlessly upgrade the traditional analog system without replacing existing coaxial cabling. The plug and play approach enables full HD video surveillance without the hassle of configuring a network.

#### Environmental

With a temperature range of -30 °C to +60 °C (-22 °F to +140°F), the camera is designed for extreme temperature environments. The camera complies to an IK10 impact rating making it capable of withstanding the equivalent of 55 kg (120 lbs) of force.



## Lite Series | DH-SD42C212I-HC

	<b>Technical Specificatio</b>	n
Effective Pixels 1920(H) x 1080(V), 2 Megapixels  Scanning System Progressive  Electronic Shutter Speed 1/3s~1/300,000s  Minimum Illumination Color: 0.05Lux@F1.6; B/W:0.00SLux@F1.6  S/N Ratio More than 50dB  IR Distance N/A  IR On/Off Control N/A  IR LEDS N/A  Lens  Focal Length S.1mm~61.2mm  Max. Aperture F1.6~F3.0  Angle of View H: 51.3"~4.6"  Optical Zoom 12x  Focus Control Auto/Manual  Close Focus Distance 100mm~1000mm  PTZ  Pan/Tilt Range Pan: 0"~360" endless; Tilt: -2"~90", auto flip 180"  Manual Control Speed Pan: 300" /s; Tilt: 200" /s  Preset Speed Pan: 300" /s; Tilt: 200" /s  Presets 300  PTZ Mode 5 Pattern, 8 Tour, Auto Pan, Auto Scan  Speed Setup Human-oriented focal Length/ speed adaptation  Auto restore to previous PTZ and lens status after power failure  Idle Motion Auto restore to previous PTZ and lens status after power failure  Idle Motion DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution 1080P(1920×1080)/720P(1280×720)  Frame Rate 25/30fps@1080P/720P  Video Output 1-channel BNC HDCVI high definition video output (V85 standard definition video output (switchable Day/Night Auto(ICR) / Color / B/W  OSD Menu Support  Backlight Compensation BLC / HLC / DWDR  White Balance Auto,ATW,Indoor,Outdoor,Manual  Gain Control Auto / Manual	Camera	
Electronic Shutter Speed 1/3s~1/300,000s Minimum Illumination Color: 0.05Lux@F1.6; B/W:0.005Lux@F1.6  S/N Ratio More than 50dB  IR Distance N/A  IR On/Off Control N/A  IR LEDs N/A  Lens  Focal Length S.1mm~61.2mm  Max. Aperture F1.6~F3.0  Angle of View H: 51.3~ ~ 4.6~  Optical Zoom 12x  Focus Control Auto/Manual  Close Focus Distance 100mm~ 1000mm  PTZ  Pan/Tilt Range Pan: 0* ~ 360* endless; Tilt: -2* ~ 90*, auto flip 180* Manual Control Speed Pan: 300* /s; Tilt: 200* /s  Preset Speed Pan: 300* /s; Tilt: 200* /s  Presets 300  PTZ Mode 5 Pattern, 8 Tour, Auto Pan ,Auto Scan  Speed Setup Human-oriented focal Length/ speed adaptation  Power up Action Auto restore to previous PTZ and lens status after power failure  Idle Motion Command in the specified period  Protocol DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution 1080P(1920×1080)/720P(1280×720)  Frame Rate 25/30fps@1080P/720P  Video Output CVBS standard definition video output (vswitchable Day/Night Auto/(CR) / Color / B/W  OSD Menu Support  Backlight Compensation BLC / HLC / DWDR  White Balance Auto / Manual	Image Sensor	1/2.8" Exmor CMOS
Electronic Shutter Speed  Minimum Illumination  Color: 0.05Lux@F1.6; B/W:0.005Lux@F1.6  S/N Ratio  More than 50dB  IR Distance  N/A  IR On/Off Control  N/A  IR LEDS  N/A  Lens  Focal Length  S.1mm~61.2mm  Max. Aperture  F1.6 ~ F3.0  Angle of View  H: 51.3* ~ 4.6*  Optical Zoom  12x  Focus Control  Auto/Manual  Close Focus Distance  Pan: 01* ~ 360* endless; Tilt: -2* ~ 90*, auto flip 180*  Manual Control Speed  Pan: 300* /s; Tilt: 200* /s  Preset Speed  Pan: 300* /s; Tilt: 200* /s  Presets  300  PTZ Mode  5 Pattern, 8 Tour, Auto Pan, Auto Scan  Speed Setup  Human-oriented focal Length/ speed adaptation  Auto restore to previous PTZ and lens status after power failure  Idle Motion  Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol  DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution  1080P(1920×1080)/720P(1280×720)  Frame Rate  25/30fps@1080P/720P  Video Output  CvBS standard definition video output (switchable Day/Night  Auto(ICR) / Color / B/W  OSD Menu  Support  Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto / Manual	Effective Pixels	1920(H) x 1080(V), 2 Megapixels
Minimum Illumination  Color: 0.05Lux@F1.6; B/W:0.005Lux@F1.6  S/N Ratio  More than 50dB  IR Distance  N/A  IR On/Off Control  N/A  IR LEDs  N/A  Lens  Focal Length  5.1mm~61.2mm  Max. Aperture  F1.6~F3.0  Angle of View  H: 51.3*~4.6*  Optical Zoom  12x  Focus Control  Auto/Manual  Close Focus Distance  PTZ  Pan/Tilt Range  Pan: 0*~360* endless; Tilt: -2*~90*, auto flip 180*  Manual Control Speed  Pan: 300* /s; Tilt: 200* /s  Preset Speed  Pan: 300* /s; Tilt: 200* /s  Presets  300  PTZ Mode  5 Pattern, 8 Tour, Auto Pan, Auto Scan  Speed Setup  Human-oriented focal Length/ speed adaptation  Auto restore to previous PTZ and lens status after power failure  Idle Motion  Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol  DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution  1080P(1920×1080)/720P(1280×720)  Frame Rate  25/30fps@1080P/720P  Video Output  CVBS standard definition video output (Svitchable Day/Night  Auto(ICR) / Color / B/W  OSD Menu  Support  Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto, ATW, Indoor, Outdoor, Manual  Auto / Manual	Scanning System	Progressive
S/N Ratio More than 50dB IR Distance N/A IR On/Off Control N/A IR LEDS N/A Lens  Focal Length S.1mm~61.2mm  Max. Aperture F1.6~F3.0 Angle of View H: 51.3*~4.6* Optical Zoom 12x Focus Control Auto/Manual Close Focus Distance 100mm~ 1000mm  PTZ  Pan/Tilt Range Pan: 0*~360* endless; Tilt: -2*~90*, auto flip 180* Manual Control Speed Pan: 0.1*~300* /s; Tilt: 200* /s  Preset Speed Pan: 300* /s; Tilt: 200* /s  Presets 300 PTZ Mode 5 Pattern, 8 Tour, Auto Pan ,Auto Scan  Speed Setup Human-oriented focal Length/ speed adaptation Power up Action Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period Protocol DH-SD, Pelco-P/D (Auto recognition) Video  Resolution 1080P(1920×1080)/720P(1280×720) Frame Rate 25/30fps@1080P/720P Video Output CVBS standard definition video output (Switchable Day/Night Auto(ICR) / Color / B/W OSD Menu Support Backlight Compensation BLC / HLC / DWDR White Balance Auto, Atto / Manual	Electronic Shutter Speed	1/3s~1/300,000s
IR Distance N/A  IR On/Off Control N/A  IR LEDS N/A  Lens  Focal Length 5.1mm~61.2mm  Max. Aperture F1.6~F3.0  Angle of View H: 51.3*~4.6*  Optical Zoom 12x  Focus Control Auto/Manual  Close Focus Distance 100mm~1000mm  PTZ  Pan/Tilt Range Pan: 0*~360* endless; Tilt: -2*~90*, auto flip 180*  Manual Control Speed Pan: 01* ~300* /s; Tilt: 0.1*~120* /s  Preset Speed Pan: 300* /s; Tilt: 200* /s  Presets 300  PTZ Mode 5 Pattern, 8 Tour, Auto Pan, Auto Scan  Speed Setup Human-oriented focal Length/ speed adaptation  Power up Action Auto restore to previous PTZ and lens status after power failure  Idle Motion Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution 1080P(1920×1080)/720P(1280×720)  Frame Rate 25/30fps@1080P/720P  Video Output CVBS standard definition video output (Switchable Day/Night Auto(ICR) / Color / B/W  OSD Menu Support  Backlight Compensation BLC / HLC / DWDR  White Balance Auto,ATW,Indoor,Outdoor,Manual  Gain Control Auto / Manual	Minimum Illumination	Color: 0.05Lux@F1.6; B/W:0.005Lux@F1.6
IR On/Off Control  IR LEDs  N/A  IR LEDs  N/A  Lens  Focal Length  Max. Aperture  F1.6 ~ F3.0  Angle of View  H: 51.3* ~ 4.6*  Optical Zoom  12x  Focus Control  Auto/Manual  Close Focus Distance  100mm~ 1000mm  PTZ  Pan/Tilt Range  Pan: 0.1* ~ 360* endless; Tilt: -2* ~ 90*, auto flip 180*  Manual Control Speed  Pan: 0.1* ~ 300* /s; Tilt: 0.1* ~ 120* /s  Preset Speed  Pan: 300* /s; Tilt: 200* /s  Presets  300  PTZ Mode  5 Pattern, 8 Tour, Auto Pan, Auto Scan  Speed Setup  Human-oriented focal Length/ speed adaptation  Auto restore to previous PTZ and lens status after power failure  Idle Motion  Auto restore to previous PTZ and lens status after power failure  Idle Motion  DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution  1080P(1920×1080)/720P(1280×720)  Frame Rate  25/30fps@1080P/720P  Video Output  CVBS standard definition video output (switchable Day/Night  Auto(ICR) / Color / B/W  OSD Menu  Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto / Manual	S/N Ratio	More than 50dB
IR LEDS  N/A  Lens  Focal Length  S.1mm~61.2mm  Max. Aperture  F1.6~F3.0  Angle of View  H: 51.3~A.6°  Optical Zoom  12x  Focus Control  Auto/Manual  Close Focus Distance  100mm~1000mm  PTZ  Pan/Tilt Range  Pan: 0°~360° endless; Tilt: -2°~90°, auto flip 180°  Manual Control Speed  Pan: 01°~300° /s; Tilt: 0.1°~120° /s  Preset Speed  Pan: 300° /s; Tilt: 200° /s  Presets  300  PTZ Mode  5 Pattern, 8 Tour, Auto Pan ,Auto Scan  Speed Setup  Human-oriented focal Length/ speed adaptation  Auto restore to previous PTZ and lens status after power failure  Idle Motion  Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol  DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution  1080P(1920×1080)/720P(1280×720)  Frame Rate  25/30fps@1080P/720P  Video Output  CVBS standard definition video output (switchable Day/Night  Auto(CR) / Color / B/W  OSD Menu  Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto / ATW, Indoor, Outdoor, Manual	IR Distance	N/A
Focal Length  5.1mm~61.2mm  Max. Aperture  F1.6 ~ F3.0  Angle of View  H: 51.3° ~ 4.6°  Optical Zoom  12x  Focus Control  Auto/Manual  Close Focus Distance  100mm~ 1000mm  PTZ  Pan/Tilt Range  Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°  Manual Control Speed  Pan: 0.1° ~ 300° /s; Tilt: 0.1° ~ 120° /s  Preset Speed  Pan: 300° /s; Tilt: 200° /s  Presets  300  PTZ Mode  5 Pattern, 8 Tour, Auto Pan, Auto Scan  Speed Setup  Human-oriented focal Length/ speed adaptation  Auto restore to previous PTZ and lens status after power failure  Idle Motion  Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol  DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution  1080P(1920×1080)/720P(1280×720)  Frame Rate  25/30fps@1080P/720P  Video Output  CVBS standard definition video output (switchable Day/Night  Auto(ICR) / Color / B/W  OSD Menu  Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto, ATW, Indoor, Outdoor, Manual  Gain Control  Auto / Manual	IR On/Off Control	N/A
Focal Length  Max. Aperture  F1.6 ~ F3.0  Angle of View  H: 51.3° ~ 4.6°  Optical Zoom  12x  Focus Control  Auto/Manual  Close Focus Distance  100mm~ 1000mm  PTZ  Pan/Tilt Range  Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°  Manual Control Speed  Pan: 0.1° ~ 300° /s; Tilt: 0.1° ~ 120° /s  Preset Speed  Pan: 300° /s; Tilt: 200° /s  Presets  300  PTZ Mode  5 Pattern, 8 Tour, Auto Pan, Auto Scan  Speed Setup  Human-oriented focal Length/ speed adaptation  Power up Action  Auto restore to previous PTZ and lens status after power failure  Idle Motion  Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol  DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution  1080P(1920×1080)/720P(1280×720)  Frame Rate  25/30fps@1080P/720P  Video Output  CVBS standard definition video output (switchable Day/Night  Auto(ICR) / Color / B/W  OSD Menu  Support  Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto, ATW, Indoor, Outdoor, Manual	IR LEDs	N/A
Angle of View H: 51.3° ~ 4.6°  Optical Zoom 12x  Focus Control Auto/Manual  Close Focus Distance 100mm~ 1000mm  PTZ  Pan/Tilt Range Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°  Manual Control Speed Pan: 0.1° ~ 300° /s; Tilt: 0.1° ~ 120° /s  Preset Speed Pan: 300° /s; Tilt: 200° /s  Presets 300  PTZ Mode 5 Pattern, 8 Tour, Auto Pan ,Auto Scan  Power up Action Auto restore to previous PTZ and lens status after power failure  Idle Motion Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution 1080P(1920×1080)/720P(1280×720)  Frame Rate 25/30fps@1080P/720P  Video Output CVBS standard definition video output (Switchable Day/Night Auto(ICR) / Color / B/W  OSD Menu Support  Backlight Compensation BLC / HLC / DWDR  White Balance Auto, ATW, Indoor, Outdoor, Manual  Gain Control Auto / Manual	Lens	
Angle of View  H: 51.3° ~ 4.6°  Optical Zoom  12x  Focus Control  Auto/Manual  Close Focus Distance  100mm~ 1000mm  PTZ  Pan/Tilt Range  Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°  Manual Control Speed  Pan: 0.1° ~ 300° /s; Tilt: 0.1° ~ 120° /s  Preset Speed  Pan: 300° /s; Tilt: 200° /s  Presets  300  PTZ Mode  5 Pattern, 8 Tour, Auto Pan ,Auto Scan  Speed Setup  Human-oriented focal Length/ speed adaptation  Power up Action  Auto restore to previous PTZ and lens status after power failure  Idle Motion  Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol  DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution  1080P(1920×1080)/720P(1280×720)  Frame Rate  25/30fps@1080P/720P  Video Output  CVBS standard definition video output (switchable Day/Night  Auto(ICR) / Color / B/W  OSD Menu  Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto,ATW,Indoor,Outdoor,Manual	Focal Length	5.1mm~61.2mm
Optical Zoom 12x  Focus Control Auto/Manual  Close Focus Distance 100mm~ 1000mm  PTZ  Pan/Tilt Range Pan: 0°~360° endless; Tilt: -2°~90°, auto flip 180°  Manual Control Speed Pan: 0.1°~300° /s; Tilt: 0.1°~120° /s  Preset Speed Pan: 300° /s; Tilt: 200° /s  Presets 300  PTZ Mode 5 Pattern, 8 Tour, Auto Pan ,Auto Scan  Speed Setup Human-oriented focal Length/ speed adaptation  Power up Action Auto restore to previous PTZ and lens status after power failure  Idle Motion Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution 1080P(1920×1080)/720P(1280×720)  Frame Rate 25/30fps@1080P/720P  Video Output 1-channel BNC HDCVI high definition video output CVBS standard definition video output (switchable Day/Night Auto(ICR) / Color / B/W  OSD Menu Support  Backlight Compensation BLC / HLC / DWDR  White Balance Auto,ATW,Indoor,Outdoor,Manual  Gain Control Auto / Manual	Max. Aperture	F1.6 ~ F3.0
Focus Control  Auto/Manual  Close Focus Distance  100mm~ 1000mm  PTZ  Pan/Tilt Range  Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°  Manual Control Speed  Pan: 0.1° ~300° /s; Tilt: 0.1° ~120° /s  Preset Speed  Pan: 300° /s; Tilt: 200° /s  Presets  300  PTZ Mode  5 Pattern, 8 Tour, Auto Pan, Auto Scan  Speed Setup  Human-oriented focal Length/ speed adaptation  Power up Action  Auto restore to previous PTZ and lens status after power failure  Idle Motion  Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol  DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution  1080P(1920×1080)/720P(1280×720)  Frame Rate  25/30fps@1080P/720P  Video Output  1-channel BNC HDCVI high definition video output, CVBS standard definition video output (switchable)  Day/Night  Auto(ICR) / Color / B/W  OSD Menu  Support  Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto,ATW,Indoor,Outdoor,Manual  Gain Control	Angle of View	H: 51.3° ~ 4.6°
PTZ  Pan/Tilt Range Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180° Manual Control Speed Pan: 0.1° ~ 300° /s; Tilt: 0.1° ~ 120° /s  Preset Speed Pan: 300° /s; Tilt: 200° /s  Presets 300  PTZ Mode S Pattern, 8 Tour, Auto Pan, Auto Scan  Speed Setup Human-oriented focal Length/ speed adaptation Power up Action Auto restore to previous PTZ and lens status after power failure Idle Motion Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period Protocol DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution 1080P(1920×1080)/720P(1280×720)  Frame Rate 25/30fps@1080P/720P  Video Output CVBS standard definition video output (switchable Day/Night Auto(ICR) / Color / B/W  OSD Menu Support  Backlight Compensation BLC / HLC / DWDR  White Balance Auto / Manual	Optical Zoom	12x
PTZ  Pan/Tilt Range Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180° Manual Control Speed Pan: 0.1° ~300° /s; Tilt: 0.1° ~120° /s  Preset Speed Pan: 300° /s; Tilt: 200° /s  Presets 300  PTZ Mode 5 Pattern, 8 Tour, Auto Pan ,Auto Scan  Speed Setup Human-oriented focal Length/ speed adaptation  Power up Action Auto restore to previous PTZ and lens status after power failure  Idle Motion Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution 1080P(1920×1080)/720P(1280×720)  Frame Rate 25/30fps@1080P/720P  Video Output CVBS standard definition video output (switchable Day/Night Auto(ICR) / Color / B/W  OSD Menu Backlight Compensation BLC / HLC / DWDR  White Balance Auto,ATW,Indoor,Outdoor,Manual Gain Control Auto / Manual	Focus Control	Auto/Manual
Pan/Tilt Range Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180° Manual Control Speed Pan: 0.1° ~300° /s; Tilt: 0.1° ~120° /s Preset Speed Pan: 300° /s; Tilt: 200° /s Presets 300 PTZ Mode 5 Pattern, 8 Tour, Auto Pan ,Auto Scan Speed Setup Human-oriented focal Length/ speed adaptation Power up Action Auto restore to previous PTZ and lens status after power failure Idle Motion Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period Protocol DH-SD, Pelco-P/D (Auto recognition) Video Resolution 1080P(1920×1080)/720P(1280×720) Frame Rate 25/30fps@1080P/720P Video Output 1-channel BNC HDCVI high definition video output, CVBS standard definition video output (switchable) Day/Night Auto(ICR) / Color / B/W OSD Menu Backlight Compensation BLC / HLC / DWDR White Balance Auto,ATW,Indoor,Outdoor,Manual Gain Control Auto / Manual	Close Focus Distance	100mm~ 1000mm
Pan: 0.1° ~300° /s; Tilt: 0.1° ~120° /s  Preset Speed Pan: 300° /s; Tilt: 200° /s  Presets 300  PTZ Mode 5 Pattern, 8 Tour, Auto Pan ,Auto Scan  Speed Setup Human-oriented focal Length/ speed adaptation Power up Action Auto restore to previous PTZ and lens status after power failure  Idle Motion Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution 1080P(1920×1080)/720P(1280×720)  Frame Rate 25/30fps@1080P/720P  Video Output 1-channel BNC HDCVI high definition video output CVBS standard definition video output (switchable Day/Night Auto(ICR) / Color / B/W  OSD Menu Support  Backlight Compensation BLC / HLC / DWDR  White Balance Auto,ATW,Indoor,Outdoor,Manual Gain Control Auto / Manual	PTZ	
Presets Speed Pan: 300° /s; Tilt: 200° /s  Presets 300  PTZ Mode 5 Pattern, 8 Tour, Auto Pan ,Auto Scan  Speed Setup Human-oriented focal Length/ speed adaptation  Power up Action Auto restore to previous PTZ and lens status after power failure  Idle Motion Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution 1080P(1920×1080)/720P(1280×720)  Frame Rate 25/30fps@1080P/720P  Video Output 1-channel BNC HDCVI high definition video output, CVBS standard definition video output (switchable)  Day/Night Auto(ICR) / Color / B/W  OSD Menu Support  Backlight Compensation BLC / HLC / DWDR  White Balance Auto,ATW,Indoor,Outdoor,Manual  Gain Control Auto / Manual	Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°
Presets 300  PTZ Mode 5 Pattern, 8 Tour, Auto Pan ,Auto Scan  Speed Setup Human-oriented focal Length/ speed adaptation  Power up Action Auto restore to previous PTZ and lens status after power failure  Idle Motion Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution 1080P(1920×1080)/720P(1280×720)  Frame Rate 25/30fps@1080P/720P  Video Output 1-channel BNC HDCVI high definition video output CVBS standard definition video output (switchable Day/Night Auto(ICR) / Color / B/W  OSD Menu Support  Backlight Compensation BLC / HLC / DWDR  White Balance Auto,ATW,Indoor,Outdoor,Manual  Gain Control Auto / Manual	Manual Control Speed	Pan: 0.1° ~300° /s; Tilt: 0.1° ~120° /s
PTZ Mode  5 Pattern, 8 Tour, Auto Pan ,Auto Scan  Speed Setup  Human-oriented focal Length/ speed adaptation  Auto restore to previous PTZ and lens status after power failure  Idle Motion  Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol  DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution  1080P(1920×1080)/720P(1280×720)  Frame Rate  25/30fps@1080P/720P  Video Output  1-channel BNC HDCVI high definition video output CVBS standard definition video output (switchable)  Day/Night  Auto(ICR) / Color / B/W  OSD Menu  Support  Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto,ATW,Indoor,Outdoor,Manual  Gain Control  Auto / Manual	Preset Speed	Pan: 300° /s; Tilt: 200° /s
Speed Setup  Human-oriented focal Length/ speed adaptation  Auto restore to previous PTZ and lens status after power failure  Idle Motion  Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol  DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution  1080P(1920×1080)/720P(1280×720)  Frame Rate  25/30fps@1080P/720P  Video Output  1-channel BNC HDCVI high definition video output, CVBS standard definition video output (switchable)  Day/Night  Auto(ICR) / Color / B/W  OSD Menu  Support  Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto,ATW,Indoor,Outdoor,Manual  Gain Control  Auto / Manual	Presets	300
Power up Action  Auto restore to previous PTZ and lens status after power failure  Idle Motion  Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol  DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution  1080P(1920×1080)/720P(1280×720)  Frame Rate  25/30fps@1080P/720P  Video Output  1-channel BNC HDCVI high definition video output CVBS standard definition video output (switchable Day/Night  Auto(ICR) / Color / B/W  OSD Menu  Support  Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto,ATW,Indoor,Outdoor,Manual  Gain Control  Auto / Manual	PTZ Mode	5 Pattern, 8 Tour, Auto Pan ,Auto Scan
power failure  Idle Motion  Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period  Protocol  DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution  1080P(1920×1080)/720P(1280×720)  Frame Rate  25/30fps@1080P/720P  Video Output  1-channel BNC HDCVI high definition video output CVBS standard definition video output (switchable)  Day/Night  Auto(ICR) / Color / B/W  OSD Menu  Support  Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto,ATW,Indoor,Outdoor,Manual  Gain Control  Auto / Manual	Speed Setup	Human-oriented focal Length/ speed adaptation
rommand in the specified period  Protocol  DH-SD, Pelco-P/D (Auto recognition)  Video  Resolution  1080P(1920×1080)/720P(1280×720)  Frame Rate  25/30fps@1080P/720P  Video Output  1-channel BNC HDCVI high definition video output, CVBS standard definition video output (switchable)  Day/Night  Auto(ICR) / Color / B/W  OSD Menu  Support  Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto,ATW,Indoor,Outdoor,Manual  Gain Control  Auto / Manual	Power up Action	
Video  Resolution 1080P(1920×1080)/720P(1280×720)  Frame Rate 25/30fps@1080P/720P  Video Output 1-channel BNC HDCVI high definition video output CVBS standard definition video output (switchable Day/Night Auto(ICR) / Color / B/W  OSD Menu Support  Backlight Compensation BLC / HLC / DWDR  White Balance Auto,ATW,Indoor,Outdoor,Manual  Gain Control Auto / Manual	Idle Motion	
Resolution 1080P(1920×1080)/720P(1280×720)  Frame Rate 25/30fps@1080P/720P  Video Output 1-channel BNC HDCVI high definition video output CVBS standard definition video output (switchable Day/Night Auto(ICR) / Color / B/W  OSD Menu Support  Backlight Compensation BLC / HLC / DWDR  White Balance Auto,ATW,Indoor,Outdoor,Manual  Gain Control Auto / Manual	Protocol	DH-SD, Pelco-P/D (Auto recognition)
Frame Rate  25/30fps@1080P/720P  Video Output  1-channel BNC HDCVI high definition video output CVBS standard definition video output (switchable)  Day/Night  Auto(ICR) / Color / B/W  OSD Menu  Support  Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto,ATW,Indoor,Outdoor,Manual  Gain Control  Auto / Manual	Video	
Video Output  1-channel BNC HDCVI high definition video output CVBS standard definition video output (switchable)  Day/Night  Auto(ICR) / Color / B/W  OSD Menu  Support  Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto,ATW,Indoor,Outdoor,Manual  Gain Control  Auto / Manual	Resolution	1080P(1920×1080)/720P(1280×720)
CVBS standard definition video output (switchable  Day/Night Auto(ICR) / Color / B/W  OSD Menu Support  Backlight Compensation BLC / HLC / DWDR  White Balance Auto,ATW,Indoor,Outdoor,Manual  Gain Control Auto / Manual	Frame Rate	25/30fps@1080P/720P
OSD Menu Support  Backlight Compensation BLC / HLC / DWDR  White Balance Auto,ATW,Indoor,Outdoor,Manual  Gain Control Auto / Manual	Video Output	1-channel BNC HDCVI high definition video output, CVBS standard definition video output (switchable
Backlight Compensation  BLC / HLC / DWDR  White Balance  Auto,ATW,Indoor,Outdoor,Manual  Gain Control  Auto / Manual	Day/Night	Auto(ICR) / Color / B/W
White Balance Auto, ATW, Indoor, Outdoor, Manual Gain Control Auto / Manual	OSD Menu	Support
Gain Control Auto / Manual	Backlight Compensation	BLC / HLC / DWDR
	White Balance	Auto,ATW,Indoor,Outdoor,Manual
Noise Reduction Ultra DNR (2D/3D)	Gain Control	Auto / Manual
	Noise Reduction	Ultra DNR (2D/3D)

Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas
Certifications	
Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB,ANSI C63.4- 2014 UL: UL60950-1+CAN/CSA C22.2,No.60950-1
Interface	
Video Interface	1
Audio Interface	1 channel in
RS485	1
Alarm	2/1
Electrical	
Power Supply	AC24V/1.5A(±10%)
Power Consumption	10W
Environmental	
Operating Conditions	-30°C ~ 60°C (-22°F ~ +140°F) / Less than 90% RH
Ingress Protection	N/A
Vandal Resistance	IK10
Construction	
Casing	Metal
Dimensions	Ф186.0(mm) x 309(mm)
Net Weight	2.3kg(5.07lb)
Gross Weight	3.3kg(7.28lb)

## Lite Series | DH-SD42C212I-HC

Ordering Information				
Туре	Part Number	Description		
2MP PTZ Camera	DH-SD42C212I-HC	2MP 12x PTZ HDCVI Camera, PAL		
	DH-SD42C212IN-HC	2MP 12x PTZ HDCVI Camera, NTSC		
	SD42C212I-HC	2MP 12x PTZ HDCVI Camera, PAL		
	SD42C212IN-HC	2MP 12x PTZ HDCVI Camera, NTSC		
Accessories	AC24V/1.5A	Power Supply		

#### **Accessories**

Included:



AC24V/1.5A Power Supply

### Dimensions (mm)



