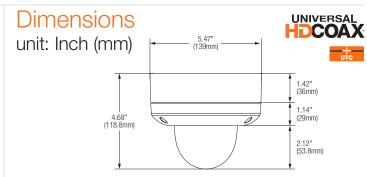


2.1MP Indoor/Outdoor Universal HD over Coax<sup>®</sup> Snapit<sup>™</sup> Dome Camera DWC-V4283WTIR







# Specifications

## Summary

STAR-LIGHT<sup>™</sup> 2.1MP Universal HD over COAX<sup>®</sup> cameras deliver crystal clear images and support real-time 30fps HD-Analog, HD-TVI, HD-CVI and all analog signals to 960H. Our unique Snapit<sup>™</sup> housing is IP68 rated and makes installation a snap!. STAR-LIGHT<sup>™</sup> Universal HD over COAX<sup>®</sup> cameras are engineered to work with our VMAX A1<sup>™</sup> Universal HD over COAX<sup>®</sup> DVRs using your existing coax infrastructure for a cost-effective, high resolution surveillance solution.

## Features

- Universal HD over Coax<sup>®</sup> Technology with HD-Analog, HD-TVI, HD-CVI and all Analog to 960H Signal Support
- STAR-LIGHT™ Super Low Light Technology
- 2.1MP 1/3" Image Sensor at Real-time 30fps
- 2.8~12mm Motorized Zoom Auto-Focus P-Iris Lens
- True Wide Dynamic Range (WDR)
- OSD Control Via Coaxial (UTC)
- Snapit<sup>™</sup> Easy Installation Housing
- CleanView<sup>™</sup> Hydrophobic Dome Coating Repels Water, Dust and Grease
- Cold Start -40°F (-40°C)
- 100' Smart IR™ with Intelligent Camera Sync.
- Smart DNR<sup>™</sup> 3D Digital Noise Reduction
- True Day/Night Mechanical IR Cut Filter
- De-Fog<sup>™</sup> Extreme Weather Image Compensation
- Highlight Masking Exposure (HME)
- Auto Sensing 24VAC/12VDC with Line Lock
- Easy Icon Driven OSD Menu with Built-in Joystick
- Programmable Privacy Zones
- Auto Gain Control (AGC)
- Backlight Compensation (BLC)
- Dynamic Range Compressor (DRC) Reveals Low Light Detail
- Auto White Balance (AWB)
- UTP Built-In
- Junction Box Built-in
- RS-485 Built-in
- IP68 Certified Water and Tampering Resistant
- IK-10 Impact Rated
- 5 Year Warranty

#### Accessories (Optional)



DWC-V4SSLD Sunshield Cover for Snaplt Outdoor Dome Cameras

DWC-V4WM Wall Mount for Snaplt Outdoor Dome Cameras



Outdoor Dome Cameras
DWC-FMSNAPCeiling

Ceiling Mount for Snaplt

Flush Mount for Snapit Outdoor Dome Cameras







DWC-V4CM

: www.digital-watchdog.com

#### IMAGE Image Sensor

Image Sensor2.1MP 1/3" CMOS SensorActive Pixels1944 (H) x 1092 (V)Scanning SystemProgressive ScanFrequency60Hz / 50HzVideo OutputCVBS Analog up to 960HSynchronizationInternalResolution1920x1080 (1080p)Minimum Scene IlluminationF1.4 (30IRE): 0.03 Lux (Color)F1.4 (30IRE): 0.03 Lux (B/W)S/N Ratio55dBSignal Technologyand all Analog to 960H Signal SupportAlarm Output1 Alarm OutputLENSFocal Length2.8 ~ 12mmLens TypeMotorized Zom Auto-Focus P-Iris LensIR Distance100ft IROPERATIONALShutter Speed1/30 ~ 1/30,000BacklightOff / OnWide Dynamic Range (WDR)Off, x2 ~ x32Wide Dynamic Range (B100dBSmart DNR™ SD Digital Noise ReductionOff, Low, Middle, HighWithor DetectionYesAuto Auto - Xuto - Xr Preset / ManualDay and NightDay / Night / AutoMirror / FlipYesAuto Auto - Vato Extremant16 Privacy ZonesSharpness0 ~ 10Garman0.45 ~ 0.75RS485 / UTP Built-InPELCO D / PELCO CEVNRONMENTALPower ConsumptionVita Paine-40°F ~ 122°F (-40°C ~ 50°C)Operating Temperature-40°F ~ 122°F (-		
Scanning SystemProgressive ScanFrequency $60Hz/50Hz$ Video Output $CVBS Analog. µD-TVI, HD-CVI 2.1MP 1080p$ $CVBS Analog. µD to 960HSynchronizationInternalResolution1920x1080 (1080p)Minimum Scene IlluminationF1.4 (30IRE): 0.03 Lux (Color)F1.4 (30IRE): 0.03 Lux (Color)F1.4 (30IRE): 0.1x (B/W)S/N RatioS5dBSignal Technology2.1MP 1080p HD with HD-Analog, HD-TVI, HD-CVIand all Analog to 960H Signal SupportAlarm Output1 Alarm OutputLens2.8 \sim 12mmFocal Length2.8 \sim 12mmLens TypeMotorized Zoom Auto-Focus P-Iris LensIR Distance100ft IROPERATIONAL0ff / 0nStAR-LIGHT™ (Sense-up)Off, x2 \sim x32Wide Dynamic Range dB100dBSmart DNR™ 3D gital Noise ReductionOff, Low, Middle, HighWhite BalanceAuto / Auto -Ex / Presst / ManualDay and NightDay / Night / AutoMotion DetectionYesPrivacy Zones16 Privacy ZonesSharpess0 \sim 10Gamma0.45 - 0.75RS485 / UTP Built-inPELCO D / PELCO CEVIRONMENTALOperating Temperature-Qover RequirementsDC12V / AC24V Dual VoitageDC12V / LED OFF): 2.3WAc24V (LED OFF): 2.3WAc24V (LED OFF): 2.3WAc24V (LED OFF): 2.3WAc24V (LED OFF): 2.46WMetridalAluminumDimensions5.47 \times 4.68 inch (139 x 118.8 mm)$	Image Sensor	2.1MP 1/3" CMOS Sensor
Frequency         60Hz / 50Hz           Video Output         HD-Analog, HD-TVI, HD-CVI 2.1MP 1080p CVBS Analog up to 960H           Synchronization         Internal           Resolution         1920x1080 (1080p)           Minimum Scene Illumination         F1.4 (30IRE): 0.03 Lux (Color)           S/N Ratio         55dB           Signal Technology         2.1MP 1080p HD with HD-Analog, HD-TVI, HD-CVI and all Analog to 960H Signal Support           Alarm Output         1 Alarm Output           LENS         -           Focal Length         2.8 ~ 12mm           Lens Type         Motorized Zoom Auto-Focus P-Iris Lens           IR Distance         100ft IR           OPERATIONAL         -           STAP-LIGHT™ (Sense-up)         Off, x2 ~ x32           Wide Dynamic Range dB         100dB           Smart DNR™ 3D Digital Noise Reduction         Off, Low, Middle, High           White Balance         Auto / Auto - Ex / Preset / Manual           Day and Night         Day / Night / Auto           Motion Detection         Yes           Privacy Zones         16 Privacy Zones           Sharpness         0 ~ 10           Gamma         0.45 - 0.75           RS485 / UTP Built-in         PELCO D / PELCO D C           E		
Video Output     HD-Analog, HD-TVI, HD-CVI 2.1MP 1080p CVBS Analog up to 960H       Synchronization     Internal       Resolution     1920x1080 (1080p)       Minimum Scene Illumination     F1.4 (30IRE): 0.03 Lux (Color)       F1.4 (30IRE): 0.12 Lux (B/W)     S/M Ratio       Signal Technology     2.1MP 1080p HD with HD-Analog, HD-TVI, HD-CVI and all Analog to 960H Signal Support       Alarm Output     1 Alarm Output       LENS     E       Focal Length     2.8 ~ 12mm       Lens Type     Motorized Zoom Auto-Focus P-Iris Lens       IR Distance     100ft IR       OPERATIONAL     Shutter Speed       Shutter Speed     1/30 – 1/30,000       Backlight     Off / On       STAR-LIGHT™ (Sense-up)     Off, X2 – x32       Wide Dynamic Range (WDR)     Off / On       Start DNR™ 3D Digital Noise Reduction     Off, Low, Middle, High       White Balance     Auto / Auto-Ex / Preset / Manual       Day and Night     Day / Night / Auto       Mirror / Flip     Yes       Auto Gain Control     Max 60dB       Motion Detection     Yes       Privacy Zones     16 Privacy Zones       Sharpness     0 ~ 10       Gamma     0.45 - 0.75       RS485 / UTP Built-in     PELCO D / PELCO C       ENVIRONMENTAL     Operating Humidity <td></td> <td></td>		
Video UutputCVBS Analog up to 960HSynchronizationInternalResolution1920x1080 (1080p)Minimum Scene IlluminationF1.4 (30IRE): 0.03 Lux (Color)F1.4 (30IRE): 0.10 Lux (B/W)S/N Ratio55dBSignal Technology2.1MP 1080p HD with HD -Analog, HD -TVI, HD -CVIand all Analog to 960H Signal SupportAlarm Output1 Alarm OutputLENSFocal Length2.8 ~ 12mmLens TypeMotorized Zoom Auto-Focus P-Iris LensIR Distance100ft IROPERATIONALShutter Speed1/30 - 1/30,000BacklightOff / OnSTAR-LIGHT™ (Sense-up)Off, 2 - x32Wide Dynamic Range (WDR)Off / OnWide Dynamic Range (WDR)Off / OnWide Dynamic Range (WDR)Off / Auto Ex / Preset / ManualDay and NightDay / Night / AutoMirror / FlipYesAuto Gain ControlMak 60dBMotion DetectionYesPrivacy Zones16 Privacy ZonesSharpness0 ~ 10Gamma0.45 - 0.75RS485 / UTP Built-inPELCO D / PELCO CENVIRONMENTALOperating Temperature-40°F ~ 122°F (-40°C ~ 50°C)Operating Temperature <td>Frequency</td> <td>60Hz / 50Hz</td>	Frequency	60Hz / 50Hz
Resolution       1920x1080 (1080p)         Minimum Scene Illumination       F1.4 (30IRE): 0.103 Lux (Color)         Signal Technology       F1.4 (30IRE): 0.10x (B/W)         Signal Technology       2.1MP 1080p HD with HD-Analog, HD-TVI, HD-CVI and all Analog to 960H Signal Support         Alarm Output       1 Alarm Output         LENS       Focal Length         Pocal Length       2.8 ~ 12mm         Lens Type       Motorized Zoom Auto-Focus P-Iris Lens         IR Distance       100ft IR         OPERATIONAL       T/30 – 1/30,000         Backlight       Off / On         STAR-LIGHT™ (Sense-up)       Off, x2 – x32         Wide Dynamic Range (WDR)       Off / On         Smart DNR™ 3D Digital Noise Reduction       Off, Jour, Middle, High         Write Balance       Auto / Auto-Ex / Preset / Manual         Day and Night       Day / Night / Auto         Mirror / Flip       Yes         Privacy Zones       16 Privacy Zones         Sharpness       0 ~ 10         Gamma       0.45 – 0.75         RS485 / UTP Built-in       PELCOD / PELCO C         EWNRONMENTAL       Operating Temperature         -40°F ~ 122°F (-40°C ~ 50°C)       Operating Resistant         Other Certifications       FCC, CE, ROHS	Video Output	<b>3</b> , , , , , , , , , , , , , , , , , , ,
Minimum Scene IlluminationF1.4 (30IRE): $0.03 Lux (Color)$ F1.4 (30IRE): $0 Lux (B/W)$ S/N Ratio55dBSignal Technology2.1MP 1080p HD with HD-Analog, HD-TVI, HD-CVI and all Analog to 960H Signal SupportAlarm Output1 Alarm OutputLENS-Focal Length2.8 ~ 12mmLens TypeMotorized Zoom Auto-Focus P-Iris LensIR Distance100ft IROPERATIONAL-Shutter Speed1/30 - 1/30,000BacklightOff / OnSTAR-LIGHT™ (Sense-up)Off, x2 - x32Wide Dynamic Range (WDR)Off / OnWhite BalanceAuto / Auto-Ex / Preset / ManualDay and NightDay / Night / Auto-ExDay and NightDay / Night / Auto-ExMation DetectionYesAuto Gain ControlMax 60dBMotion DetectionYesSharpness0 ~ 10Gamma0.45 - 0.75RS485 / UTP Built-inPELCO D / PELCO CENVIROMENTAL-Operating Temperature-40°F ~ 122°F (-40°C ~ 50°C)Operating Temperature-40°F ~ 122°F (-40°C ~ 50°C)Operating Temperature-0.45 - 0.75RS485 / UTP Built-inPELCO D / PELCO CENVIROMENTAL-Operating Temperature-0.40°F ~ 122°F (-40°C ~ 50°C)Operating Temperature-0.40°C ~ 50°C)Operating Temperature-0.40°E ~ 122°F (-40°C ~ 50°C)Operating Temperature-0.40°E ~ 122°F (-40°C ~ 50°C)Operating Temperature-0.40°E ~ 122°F (-40°C ~ 50°C)Operating T	Synchronization	Internal
Minimum Scene illuminationF1.4 (30IRE): 0 Lux (B/W)S/N Ratio55dBSignal Technology2.1MP 1080p HD with HD-Analog, HD-TVI, HD-CVI and all Analog to 960H Signal SupportAlarm Output1 Alarm OutputLENS7020 LengthFocal Length2.8 ~ 12mmLens TypeMotorized Zoom Auto-Focus P-Iris LensIR Distance100ft IROPERATIONAL1/30 - 1/30,000BacklightOff / OnShutter Speed1/30 - 1/30,000BacklightOff / OnStAR-LIGHT™ (Sense-up)Off / AnWide Dynamic Range dB100dBSmart DNR™ 3D Digital Noise ReductionOff, Low, Middle, HighWhite BalanceAuto / Auto - Ex / Preset / ManualDay And NightDay / Night / AutoMirror / FlipYesAuto Gain ControlMax 600BMotion DetectionYesPrivacy Zones16 Privacy ZonesSharpness0 ~ 10Gamma0.45 - 0.75RS485 / UTP Built-inPELCO D / PELCO CENVIRONMENTALOperating TemperatureOperating Temperature-40°F ~ 122°F (-40°C ~ 50°C)Operating HumidityLess than 90% (Non-Condensing)IP RatingIIF08 Certified Water and Tampering ResistantK RatingIK10-Rated Impact ResistantOther CertificationsFCC, CE, ROHSELECTRICALDC12V / AC24V Dual VoltagePower ConsumptionDC12V (LED OFF): 3.0W DC12V (LED OFF): 3.0W DC12V (LED OFF): 2.3W AC24V (LED OFF): 2.3W AC24V (LED OFF): 2.3W AC24V (LED OF	Resolution	1920x1080 (1080p)
S/N Ratio       55dB         Signal Technology       2.1MP 1080p HD with HD-Analog, HD-TVI, HD-CVI and all Analog to 960H Signal Support         Alarm Output       1 Alarm Output         LENS          Focal Length       2.8 ~ 12mm         Lens Type       Motorized Zoom Auto-Focus P-Iris Lens         IR Distance       100ft IR         OPERATIONAL          Shutter Speed       1/30 – 1/30,000         Backlight       Off / 0n         STAR-LIGHTTM (Sense-up)       Off, x2 – x32         Wide Dynamic Range dB       100dB         Smart DNR <sup>TM</sup> 3D Digital Noise Reduction       Off, Low, Middle, High         White Balance       Auto / Auto-Ex / Preset / Manual         Day and Night       Day / Night / Auto         Mirror / Flip       Yes         Privacy Zones       16 Privacy Zones         Sharpness       0 ~ 10         Gamma       0.45 ~ 0.75         RS485 / UTP Built-in       PELCO D / PELCO C         ENVRONMENTAL       Operating Temperature         Operating Temperature       -40°F ~ 122°F (-40°C ~ 50°C)         Operating Temperature       -40°F ~ 122°F (-40°C ~ 50°C)         Operating Temperature       -40°F ~ 122°F (-40°C ~ 50°C)         Operating Te	Minimum Scene Illumination	
Signal Technology     and all Analog to 960H Signal Support       Alarm Output     1 Alarm Output       LENS     Focal Length       Focal Length     2.8 ~ 12mm       Lens Type     Motorized Zoom Auto-Focus P-Iris Lens       IR Distance     100ft IR       OPERATIONAL     1/30 - 1/30,000       Backlight     Off / On       Shutter Speed     1/30 - 1/30,000       Backlight     Off / On       Wide Dynamic Range (WDR)     Off / On       Wide Dynamic Range dB     100dB       Smart DNR™ 3D Digital Noise Reduction     Off, Low, Middle, High       White Balance     Auto / Auto-Ex / Preset / Manual       Day and Night     Day / Night / Auto       Miror / Flip     Yes       Auto Gain Control     Max 60dB       Motion Detection     Yes       Privacy Zones     16 Privacy Zones       Sharpness     0 ~ 10       Gamma     0.45 ~ 0.75       RS485 / UTP Built-in     PELCO D / PELCO C       ENVIRONMENTAL     Operating Temperature       Operating Humidity     Less than 90% (Non-Condensing)       IP Rating     IK10-Rated Impact Resistant       IK Rating     IK10-Rated Impact Resistant       Other Certifications     FCC, CE, ROHS       ELECTRICAL     Power Requirements <t< td=""><td>S/N Ratio</td><td></td></t<>	S/N Ratio	
Alarm Output1 Alarm OutputLENSFocal Length2.8 ~ 12mmLens TypeMotorized Zoom Auto-Focus P-Iris LensIR Distance100ft IROPERATIONALShutter Speed $1/30 - 1/30,000$ BacklightOff / OnSTAR-LIGHT™ (Sense-up)Off, x2 - x32Wide Dynamic Range (WDR)Off / CnWide Dynamic Range (WDR)Off / CnWide Dynamic Range dB100dBSmart DNR™ 3D Digital Noise ReductionOff, Low, Middle, HighWhite BalanceAuto / Auto-Ex / Preset / ManualDay and NightDay / Night / AutoMotoriz / FlipYesAuto Gain ControlMax 60dBMotion DetectionYesPrivacy Zones16 Privacy ZonesSharpness0 ~ 10Gamma0.45 ~ 0.75RS485 / UTP Built-inPELCO D / PELCO CENVIRONMENTALOperating Temperature-40°F ~ 122°F (-40°C ~ 50°C)Operating HumidityLess than 90% (Non-Condensing)IP RatingIP68 Certified Water and Tampering ResistantIK RatingIK10-Rated Impact ResistantOther CertificationsFCC, CE, ROHSELECTRICALDC12V / AC24V Dual VoltagePower ConsumptionDC12V / LED ON): 5.2W AC24V (LED ON): 5.2W AC24V (LED ON): 5.2W AC24V (LED ON): 5.2W AC24V (LED ON): 4.6WMECHANICALMaterialMaterialAluminumDimensions5.47 x 4.68 inch (139 x 118.8 mm)	Signal Technology	
LENS         Focal Length       2.8 ~ 12mm         Lens Type       Motorized Zoom Auto-Focus P-Iris Lens         IR Distance       100ft IR         OPERATIONAL       Shutter Speed         Shutter Speed       1/30 - 1/30,000         Backlight       Off / On         STAR-LIGHT™ (Sense-up)       Off, x2 - x32         Wide Dynamic Range (WDR)       Off / On         Wide Dynamic Range dB       100dB         Smart DNR™ 3D Digital Noise Reduction       Off, Low, Middle, High         White Balance       Auto / Auto-Ex / Preset / Manual         Day and Night       Day / Night / Auto         Mirror / Flip       Yes         Auto Gain Control       Max 60dB         Motion Detection       Yes         Privacy Zones       16 Privacy Zones         Sharpness       0 ~ 10         Gamma       0.45 ~ 0.75         RS485 / UTP Built-in       PELCO D / PELCO C         ENVIRONMENTAL       Operating Temperature         Operating Temperature       -40°F ~ 122°F (-40°C ~ 50°C)         Operating Temperature       -60°F ~ 122°F (-40°C ~ 50°C)         Operating Temperature       0.410° - 122°F (-40°C ~ 50°C)         Operating Temperature       0.410° - 122°F (-40°C ~ 50°C) <td>Alarm Output</td> <td></td>	Alarm Output	
Lens TypeMotorized Zoom Auto-Focus P-Iris LensIR Distance100ft IROPERATIONAL	· · · · ·	
Lens TypeMotorized Zoom Auto-Focus P-Iris LensIR Distance100ft IROPERATIONAL	Focal Length	2.8 ~ 12mm
IR Distance100ft IROPERATIONAL1/30 – 1/30,000Backlight0ff / 0nSTAR-LIGHT <sup>TM</sup> (Sense-up)0ff, $2 - x32$ Wide Dynamic Range (WDR)0ff / 0nWide Dynamic Range dB100dBSmart DNR <sup>TM</sup> 3D Digital Noise Reduction0ff, Low, Middle, HighWhite BalanceAuto / Auto-Ex / Preset / ManualDay and NightDay / Night / AutoMirror / FlipYesAuto Gain ControlMax 60dBMotion DetectionYesPrivacy Zones16 Privacy ZonesSharpness0 ~ 10Gamma0.45 ~ 0.75RS485 / UTP Built-inPELCO D / PELCO CENVIRONMENTALOperating Temperature-40°F ~ 122°F (-40°C ~ 50°C)Operating Temperature-40°F ~ 122°F (-40°C ~ 50°C)Operating TemperatureDC12V / AC24V Dual VoltageOther CertificationsFCC, CE, ROHSELECTRICALDC12V / AC24V Dual VoltagePower ConsumptionDC12V (LED OFF): 3.0WAC24V (LED OFF): 2.3WAC24V (LED OFF): 2.3WAC24V (LED OFF): 2.466 NotMECHANICALMaterialAluminumDimensions5.47 x 4.68 inch (139 x 118.8 mm)		Motorized Zoom Auto-Focus P-Iris Lens
OPERATIONAL         Shutter Speed       1/30 - 1/30,000         Backlight       Off / On         STAR-LIGHT™ (Sense-up)       Off, x2 - x32         Wide Dynamic Range (WDR)       Off / On         Wide Dynamic Range dB       100dB         Smart DNR™ 3D Digital Noise Reduction       Off, Low, Middle, High         White Balance       Auto / Auto - Ex / Preset / Manual         Day and Night       Day / Night / Auto         Mirror / Flip       Yes         Auto Gain Control       Max 60dB         Motion Detection       Yes         Privacy Zones       16 Privacy Zones         Sharpness       0 ~ 10         Gamma       0.45 ~ 0.75         RS485 / UTP Built-in       PELCO D / PELCO C         ENVIRONMENTAL       Operating Temperature         -40°F ~ 122°F (-40°C ~ 50°C)       Operating Humidity         Less than 90% (Non-Condensing)       IP Reling         IP Rating       IP68 Certified Water and Tampering Resistant         IK Rating       K10-Rated Impact Resistant         Other Certifications       FCC, CE, ROHS         ELECTRICAL       Power Requirements       DC12V / AC24V Dual Voltage         Power Consumption       AC24V (LED ON): 5.2W         AC24V (LED ON):		
Shutter Speed $1/30 - 1/30,000$ BacklightOff / OnSTAR-LIGHT <sup>TM</sup> (Sense-up)Off, $x2 - x32$ Wide Dynamic Range (WDR)Off / OnWide Dynamic Range dB100dBSmart DNR <sup>TM</sup> 3D Digital Noise ReductionOff, Low, Middle, HighWhite BalanceAuto / Auto-Ex / Preset / ManualDay and NightDay / Night / AutoMirror / FlipYesAuto Gain ControlMax 60dBMotion DetectionYesPrivacy Zones16 Privacy ZonesSharpness0 ~ 10Gamma0.45 ~ 0.75RS485 / UTP Built-inPELCO D / PELCO CENVIRONMENTALOperating Temperature-40°F ~ 122°F (-40°C ~ 50°C)Operating Temperature-40°F ~ 122°F (-40°C ~ 50°C)Operating HumidityLess than 90% (Non-Condensing)IP RatingIP68 Certified Water and Tampering ResistantIK RatingIK10-Rated Impact ResistantOther CertificationsFCC, CE, ROHSELECTRICALDC12V / AC24V Dual VoltagePower RequirementsDC12V (AC24V Dual VoltageDC12V (LED OFF): 3.0WAC24V (LED OFF): 3.0WAC24V (LED OFF): 2.3WAC24V (LED OFF): 4.6WMECHANICALMaterialAluminumDimensions5.47 x 4.68 inch (139 x 118.8 mm)		
BacklightOff / OnSTAR-LIGHT™ (Sense-up)Off, $x2 - x32$ Wide Dynamic Range (WDR)Off / OnWide Dynamic Range dB100dBSmart DNR™ 3D Digital Noise ReductionOff, Low, Middle, HighWhite BalanceAuto / Auto-Ex / Preset / ManualDay and NightDay / Night / AutoMirror / FlipYesAuto Gain ControlMax 60dBMotion DetectionYesPrivacy Zones16 Privacy ZonesSharpness0 ~ 10Gamma0.45 ~ 0.75RS485 / UTP Built-inPELCO D / PELCO CENVIRONMENTALOperating Temperature-40°F ~ 122°F (-40°C ~ 50°C)Operating Temperature-40°F ~ 122°F (-40°C ~ 50°C)Operating HumidityLess than 90% (Non-Condensing)IP RatingIP68 Certified Water and Tampering ResistantIK RatingIK10-Rated Impact ResistantOther CertificationsFCC, CE, ROHSELECTRICALDC12V / AC24V Dual VoltagePower ConsumptionDC12V (LED OFF): 3.0WAC24V (LED OFF): 2.3WAC24V (LED OFF): 2.46WMECHANICALMaterialAluminumDimensions5.47 x 4.68 inch (139 x 118.8 mm)	Shutter Speed	1/30 - 1/30.000
STAR-LIGHT™ (Sense-up)Off, $x2 - x32$ Wide Dynamic Range (WDR)Off / OnWide Dynamic Range dB100dBSmart DNR™ 3D Digital Noise ReductionOff, Low, Middle, HighWhite BalanceAuto / Auto-Ex / Preset / ManualDay and NightDay / Night / AutoMirror / FlipYesAuto Gain ControlMax 60dBMotion DetectionYesPrivacy Zones16 Privacy ZonesSharpness0 ~ 10Gamma0.45 ~ 0.75RS485 / UTP Built-inPELCO D / PELCO CENVIRONMENTALOperating Temperature-40°F ~ 122°F (-40°C ~ 50°C)Operating HumidityLess than 90% (Non-Condensing)IP RatingIP68 Certified Water and Tampering ResistantIK RatingIK10-Rated Impact ResistantOther CertificationsFCC, CE, ROHSELECTRICALDC12V / AC24V Dual VoltagePower ConsumptionAC24V (LED OFF): 3.0WAC24V (LED OFF): 2.3WAC24V (LED OFF): 2.3WAC24V (LED OFF): 2.3WAC24V (LED OFF): 2.3WAC24V (LED OFF): 2.6WA		
Wide Dynamic Range (WDR)       Off / On         Wide Dynamic Range dB       100dB         Smart DNR™ 3D Digital Noise Reduction       Off, Low, Middle, High         White Balance       Auto / Auto - Ex / Preset / Manual         Day and Night       Day / Night / Auto         Mirror / Flip       Yes         Auto Gain Control       Max 60dB         Motion Detection       Yes         Privacy Zones       16 Privacy Zones         Sharpness       0 ~ 10         Gamma       0.45 ~ 0.75         RS485 / UTP Built-in       PELCO D / PELCO C         ENVIRONMENTAL       Operating Temperature         -40°F ~ 122°F (-40°C ~ 50°C)       Operating Temperature         Operating Temperature       -40°F ~ 122°F (-40°C ~ 50°C)         Operating Humidity       Less than 90% (Non-Condensing)         IP Rating       IP68 Certified Water and Tampering Resistant         IK Rating       IK10-Rated Impact Resistant	0	
Wide Dynamic Range dB       100dB         Smart DNR™ 3D Digital Noise Reduction       Off, Low, Middle, High         White Balance       Auto / Auto - Ex / Preset / Manual         Day and Night       Day / Night / Auto         Mirror / Flip       Yes         Auto Gain Control       Max 60dB         Motion Detection       Yes         Privacy Zones       16 Privacy Zones         Sharpness       0 ~ 10         Gamma       0.45 ~ 0.75         RS485 / UTP Built-in       PELCO D / PELCO C         ENVIRONMENTAL       Operating Temperature         Operating Temperature       -40°F ~ 122°F (-40°C ~ 50°C)         Operating Humidity       Less than 90% (Non-Condensing)         IP Rating       IP68 Certified Water and Tampering Resistant         IK Rating       IK10-Rated Impact Resistant         Other Certifications       FCC, CE, ROHS         ELECTRICAL       DC12V / AC24V Dual Voltage         Power Requirements       DC12V / AC24V Dual Voltage         DC12V (LED OFF): 3.0W       DC12V (LED OFF): 2.3W         AC24V (LED ON): 5.2W       AC24V (LED ON): 5.2W         AC24V (LED ON): 4.6W       MECHANICAL         Material       Aluminum         Dimensions       5.47 x 4.68 inch (139 x 118.8 mm)<	,	
Smart DNR™ 3D Digital Noise Reduction       Off, Low, Middle, High         White Balance       Auto / Auto-Ex / Preset / Manual         Day and Night       Day / Night / Auto         Mirror / Flip       Yes         Auto Gain Control       Max 60dB         Motion Detection       Yes         Privacy Zones       16 Privacy Zones         Sharpness       0 ~ 10         Gamma       0.45 ~ 0.75         RS485 / UTP Built-in       PELCO D / PELCO C         ENVIRONMENTAL       Operating Temperature         Operating Temperature       -40°F ~ 122°F (-40°C ~ 50°C)         Operating Humidity       Less than 90% (Non-Condensing)         IP Rating       IP68 Certified Water and Tampering Resistant         IK Rating       IK10-Rated Impact Resistant         Other Certifications       FCC, CE, ROHS         ELECTRICAL       DC12V / AC24V Dual Voltage         Power Requirements       DC12V / AC24V Dual Voltage         DC12V (LED OFF): 3.0W       DC12V (LED OFF): 2.3W         AC24V (LED ON): 5.2W       AC24V (LED ON): 4.6W         MECHANICAL       Aluminum         Material       Aluminum         Dimensions       5.47 x 4.68 inch (139 x 118.8 mm)		
White BalanceAuto / Auto-Ex / Preset / ManualDay and NightDay / Night / AutoMirror / FlipYesAuto Gain ControlMax 60dBMotion DetectionYesPrivacy Zones16 Privacy ZonesSharpness0 ~ 10Gamma0.45 ~ 0.75RS485 / UTP Built-inPELCO D / PELCO CENVIRONMENTALOperating Temperature-40°F ~ 122°F (-40°C ~ 50°C)Operating HumidityLess than 90% (Non-Condensing)IP RatingIP68 Certified Water and Tampering ResistantIK RatingIK10-Rated Impact ResistantOther CertificationsFCC, CE, ROHSELECTRICALDC12V / AC24V Dual VoltagePower RequirementsDC12V / AC24V Dual VoltageDC12V (LED OFF): 3.0WDC12V (LED OFF): 3.0WDC12V (LED OFF): 2.3WAC24V (LED ON): 5.2WAC24V (LED ON): 4.6WMECHANICALMaterialAluminumDimensions5.47 x 4.68 inch (139 x 118.8 mm)		
Day and NightDay / Night / AutoMirror / FlipYesAuto Gain ControlMax 60dBMotion DetectionYesPrivacy Zones16 Privacy ZonesSharpness0 ~ 10Gamma0.45 ~ 0.75RS485 / UTP Built-inPELCO D / PELCO CENVIRONMENTALOperating Temperature-40°F ~ 122°F (-40°C ~ 50°C)Operating HumidityLess than 90% (Non-Condensing)IP RatingIP68 Certified Water and Tampering ResistantIK RatingIK10-Rated Impact ResistantOther CertificationsFCC, CE, ROHSELECTRICALDC12V / AC24V Dual VoltagePower RequirementsDC12V / AC24V Dual VoltageDC12V (LED OFF): 3.0WDC12V (LED OFF): 3.0WDC12V (LED ON): 5.2WAC24V (LED ON): 5.2WAC24V (LED ON): 4.6WMECHANICALMaterialAluminumDimensions5.47 x 4.68 inch (139 x 118.8 mm)	-	· · · · · · · · · · · · · · · · · · ·
Mirror / Flip       Yes         Auto Gain Control       Max 60dB         Motion Detection       Yes         Privacy Zones       16 Privacy Zones         Sharpness       0 ~ 10         Gamma       0.45 ~ 0.75         RS485 / UTP Built-in       PELCO D / PELCO C         ENVIRONMENTAL       Operating Temperature         Operating Temperature       -40°F ~ 122°F (-40°C ~ 50°C)         Operating Humidity       Less than 90% (Non-Condensing)         IP Rating       IP68 Certified Water and Tampering Resistant         IK Rating       IK10-Rated Impact Resistant         Other Certifications       FCC, CE, ROHS         ELECTRICAL       Power Requirements         DC12V / AC24V Dual Voltage       DC12V (LED ON): 5.2W         AC24V (LED ON): 5.2W       AC24V (LED ON): 5.2W         AC24V (LED ON): 4.6W       MECHANICAL         Material       Aluminum         Dimensions       5.47 x 4.68 inch (139 x 118.8 mm)		
Auto Gain Control     Max 60dB       Motion Detection     Yes       Privacy Zones     16 Privacy Zones       Sharpness     0 ~ 10       Gamma     0.45 ~ 0.75       RS485 / UTP Built-in     PELCO D / PELCO C       ENVIRONMENTAL     Operating Temperature       -40°F ~ 122°F (-40°C ~ 50°C)     Operating Humidity       Less than 90% (Non-Condensing)     IP       IP Rating     IP68 Certified Water and Tampering Resistant       IK Rating     IK10-Rated Impact Resistant       Other Certifications     FCC, CE, ROHS       ELECTRICAL     Power Requirements       DC12V / AC24V Dual Voltage       DC12V (LED OFF): 3.0W       DC12V (LED OFF): 3.0W       DC12V (LED ON): 5.2W       AC24V (LED ON): 5.2W       AC24V (LED ON): 4.6W       MECHANICAL       Material     Aluminum       Dimensions     5.47 x 4.68 inch (139 x 118.8 mm)		
Motion Detection       Yes         Privacy Zones       16 Privacy Zones         Sharpness       0 ~ 10         Gamma       0.45 ~ 0.75         RS485 / UTP Built-in       PELCO D / PELCO C         ENVIRONMENTAL       Operating Temperature         Operating Temperature       -40°F ~ 122°F (-40°C ~ 50°C)         Operating Humidity       Less than 90% (Non-Condensing)         IP Rating       IP68 Certified Water and Tampering Resistant         IK Rating       IK10-Rated Impact Resistant         Other Certifications       FCC, CE, ROHS         ELECTRICAL       Power Requirements         DC12V / AC24V Dual Voltage       DC12V (LED OFF): 3.0W         Power Consumption       AC24V (LED ON): 5.2W         AC24V (LED ON): 5.2W       AC24V (LED ON): 4.6W         MECHANICAL       Aluminum         Dimensions       5.47 x 4.68 inch (139 x 118.8 mm)		
Privacy Zones16 Privacy ZonesSharpness0 ~ 10Gamma0.45 ~ 0.75RS485 / UTP Built-inPELCO D / PELCO CENVIRONMENTALOperating Temperature-40°F ~ 122°F (-40°C ~ 50°C)Operating HumidityLess than 90% (Non-Condensing)IP RatingIP68 Certified Water and Tampering ResistantIK RatingIK10-Rated Impact ResistantOther CertificationsFCC, CE, ROHSELECTRICALDC12V / AC24V Dual VoltagePower RequirementsDC12V / AC24V Dual VoltagePower ConsumptionDC12V (LED OFF): 3.0W AC24V (LED ON): 5.2W AC24V (LED ON): 5.2W AC24V (LED ON): 4.6WMECHANICALAluminumDimensions5.47 x 4.68 inch (139 x 118.8 mm)		
Sharpness       0 ~ 10         Gamma       0.45 ~ 0.75         RS485 / UTP Built-in       PELCO D / PELCO C         ENVIRONMENTAL       Operating Temperature         -40°F ~ 122°F (-40°C ~ 50°C)       Operating Humidity         Less than 90% (Non-Condensing)       IP         IP Rating       IP68 Certified Water and Tampering Resistant         IK Rating       IK10-Rated Impact Resistant         Other Certifications       FCC, CE, ROHS         ELECTRICAL       Power Requirements         DC12V / AC24V Dual Voltage       DC12V (LED OFF): 3.0W         DC12V (LED OFF): 3.0W       DC12V (LED OFF): 3.0W         Power Consumption       AC24V (LED OFF): 2.3W         AC24V (LED ON): 5.2W       AC24V (LED ON): 4.6W         MECHANICAL       Aluminum         Dimensions       5.47 x 4.68 inch (139 x 118.8 mm)		
Gamma       0.45 ~ 0.75         RS485 / UTP Built-in       PELCO D / PELCO C         ENVIRONMENTAL       Operating Temperature       -40°F ~ 122°F (-40°C ~ 50°C)         Operating Temperature       -40°F ~ 122°F (-40°C ~ 50°C)       Operating Humidity         Less than 90% (Non-Condensing)       IP Rating       IP68 Certified Water and Tampering Resistant         IK Rating       IK10-Rated Impact Resistant       Other Certifications         FCC, CE, ROHS       ELECTRICAL         Power Requirements       DC12V / AC24V Dual Voltage         DC12V (LED OFF): 3.0W       DC12V (LED OFF): 3.0W         Power Consumption       AC24V (LED ON): 5.2W         AC24V (LED OFF): 2.3W       AC24V (LED ON): 4.6W         MECHANICAL       Aluminum         Dimensions       5.47 x 4.68 inch (139 x 118.8 mm)	,	
RS485 / UTP Built-in       PELCO D / PELCO C         ENVIRONMENTAL       -40°F ~ 122°F (-40°C ~ 50°C)         Operating Temperature       -40°F ~ 122°F (-40°C ~ 50°C)         Operating Humidity       Less than 90% (Non-Condensing)         IP Rating       IP68 Certified Water and Tampering Resistant         IK Rating       IK10-Rated Impact Resistant         Other Certifications       FCC, CE, ROHS         ELECTRICAL       Power Requirements         DC12V / AC24V Dual Voltage       DC12V (LED OFF): 3.0W         Power Consumption       DC12V (LED OFF): 3.0W         MECHANICAL       Ac24V (LED OFF): 2.3W         Material       Aluminum         Dimensions       5.47 x 4.68 inch (139 x 118.8 mm)		
ENVIRONMENTAL         Operating Temperature       -40°F ~ 122°F (-40°C ~ 50°C)         Operating Humidity       Less than 90% (Non-Condensing)         IP Rating       IP68 Certified Water and Tampering Resistant         IK Rating       IK10-Rated Impact Resistant         Other Certifications       FCC, CE, ROHS         ELECTRICAL       Power Requirements         DC12V / AC24V Dual Voltage       DC12V (LED OFF): 3.0W         Power Consumption       DC12V (LED OFF): 3.0W         AC24V (LED OFF): 2.3W       AC24V (LED OFF): 2.3W         AC24V (LED OFF): 4.6W       MECHANICAL         Material       Aluminum         Dimensions       5.47 x 4.68 inch (139 x 118.8 mm)		
Operating Temperature       -40°F ~ 122°F (-40°C ~ 50°C)         Operating Humidity       Less than 90% (Non-Condensing)         IP Rating       IP68 Certified Water and Tampering Resistant         IK Rating       IK10-Rated Impact Resistant         Other Certifications       FCC, CE, ROHS         ELECTRICAL       Power Requirements         DC12V / AC24V Dual Voltage         DC12V (LED OFF): 3.0W         DC12V (LED OFF): 5.2W         AC24V (LED ON): 5.2W         AC24V (LED ON): 5.2W         AC24V (LED ON): 4.6W         MECHANICAL         Material       Aluminum         Dimensions       5.47 x 4.68 inch (139 x 118.8 mm)		
Operating Humidity       Less than 90% (Non-Condensing)         IP Rating       IP68 Certified Water and Tampering Resistant         IK Rating       IK10-Rated Impact Resistant         Other Certifications       FCC, CE, ROHS         ELECTRICAL       Power Requirements         DC12V / AC24V Dual Voltage         DC12V (LED OFF): 3.0W         DC12V (LED ON): 5.2W         AC24V (LED ON): 5.2W         AC24V (LED ON): 4.6W         MECHANICAL         Material       Aluminum         Dimensions       5.47 x 4.68 inch (139 x 118.8 mm)		-40°E ~ 122°E (-40°C ~ 50°C)
IP Rating       IP68 Certified Water and Tampering Resistant         IK Rating       IK10-Rated Impact Resistant         Other Certifications       FCC, CE, ROHS         ELECTRICAL       Power Requirements         DC12V / AC24V Dual Voltage         DC12V (LED OFF): 3.0W         DC12V (LED ON): 5.2W         AC24V (LED ON): 5.2W         AC24V (LED ON): 4.6W         MECHANICAL         Material       Aluminum         Dimensions       5.47 x 4.68 inch (139 x 118.8 mm)		
IK Rating       IK10-Rated Impact Resistant         Other Certifications       FCC, CE, ROHS         ELECTRICAL       Power Requirements         DC12V / AC24V Dual Voltage         DC12V (LED OFF): 3.0W         DC12V (LED OFF): 3.0W         DC12V (LED ON): 5.2W         AC24V (LED ON): 5.2W         AC24V (LED ON): 4.6W         MECHANICAL         Material       Aluminum         Dimensions       5.47 x 4.68 inch (139 x 118.8 mm)		
Other Certifications     FCC, CE, ROHS       ELECTRICAL     Power Requirements       Power Consumption     DC12V (LED OFF): 3.0W       Power Consumption     DC12V (LED OFF): 3.0W       MECHANICAL     AC24V (LED OFF): 2.3W       Material     Aluminum       Dimensions     5.47 x 4.68 inch (139 x 118.8 mm)	•	
ELECTRICAL         Power Requirements       DC12V / AC24V Dual Voltage         DC12V (LED OFF): 3.0W         Power Consumption       DC12V (LED ON): 5.2W         AC24V (LED ON): 5.2W         AC24V (LED OFF): 2.3W         AC24V (LED ON): 4.6W         MECHANICAL         Material         Dimensions       5.47 x 4.68 inch (139 x 118.8 mm)		
Power Requirements         DC12V / AC24V Dual Voltage           Power Consumption         DC12V (LED OFF): 3.0W           Power Consumption         DC12V (LED ON): 5.2W           AC24V (LED OFF): 2.3W         AC24V (LED OFF): 2.3W           AC24V (LED ON): 4.6W         MECHANICAL           Material         Aluminum           Dimensions         5.47 x 4.68 inch (139 x 118.8 mm)	1	
Power Consumption     DC12V (LED OFF): 3.0W       Power Consumption     DC12V (LED ON): 5.2W       AC24V (LED OFF): 2.3W     AC24V (LED ON): 4.6W       MECHANICAL     Aluminum       Dimensions     5.47 x 4.68 inch (139 x 118.8 mm)		DC12V / AC24V Dual Voltage
Power Consumption     DC12V (LED ON): 5.2W AC24V (LED OFF): 2.3W AC24V (LED ON): 4.6W       MECHANICAL       Material     Aluminum       Dimensions     5.47 x 4.68 inch (139 x 118.8 mm)		-
MECHANICAL           Material         Aluminum           Dimensions         5.47 x 4.68 inch (139 x 118.8 mm)	Power Consumption	DC12V (LED ON): 5.2W AC24V (LED OFF): 2.3W
MaterialAluminumDimensions5.47 x 4.68 inch (139 x 118.8 mm)	ΜΕCHANICAL	
Dimensions 5.47 x 4.68 inch (139 x 118.8 mm)		Aluminum
2.00108 (0.30Ky)		
	Toght	2.00103 (0.0019)



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