





# **FUNCTIONS**

- · 5MP (2592 x 1944) @ 30fps
- · Max. Resolution: 2592 x 1944
- · Supports Smart H.265/H.264 Encoding
- · True Day & Night ICR
- · Up to 147 ft. IR Illumination
- · Motorized 2.7-13.5mm A/F Lens
- · 3D DNR, True WDR, HLC, BLC and ROI Encoding
- · Supports Triple Streams
- · Supports Remote Access with Windows, macOS, iOS and Android
- · Operating Temperature: -22°F 131°F(-30°- 55° C)
- · DC12V / PoE (802.3af, ≤6W)
- · Built-in MicroSD Card Slot
- · Built-in Reset Button
- · NDAA Compliant

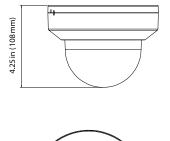
#### 5MP H.265 MOTORIZED INDOOR DOME NETWORK CAMERA

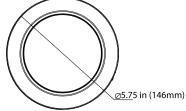
5MP H.265 MOTORIZED INDOOR DOME NETWORK CAMERA

The AVYCON AVC-NSD51M camera is a 5MP H.265 Indoor Dome Network Camera. This 5MP IP camera supports True Day and Night mode, PoE, up to 147ft. of Smart IR Illumination, and also incorporates an InfiniteStar sensor which allows viewing of video in the lowest of light environments, even in color. This camera includes a Motorized 2.7-13.5mm Lens with Auto-focus capabilities that can be controlled through a NVR. Also standard with this series is Digital NR, ROI, HLC, True WDR, and BLC capabilities. Optional accessories for this camera include a Junction Box Mount. Includes a MicroSD memory card slot for standalone recording applications.

### DIMENSIONS

Unit : inch (mm)





## **OPTIONAL ACCESSORIES**





AVM-CWM-EDV-L1 COMPACT WALL MOUNT

AVA-MICSPKSRN AUDIBLE AND VISUAL ALARM DEVICE



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## **SPECIFICATIONS**

:

CAMERA Image Sensor 1/2.8" Progressive Scan CMOS Resolution 5MP Image Size 2592 x 1944 Color: 0.05Lux @ F1.2(AGC ON) BW: 0Lux w IR ON Shutter Speed 1/20,000s - 1/5s Slow Shutter Supported IR Distance Up to 147ft Lens Motorized 2.7-13.5mm Field of View Horizontal: 101 ~ 32°, Vertical: 71 ~ 23°, Diagonal: 129 ~ 40° WDR 120dB VIDEO STREAM Max. Image Resolution 2592 x 1944 @ 30fps Supported Resolution 2592 x 1944, 1920 x 1080, 1280 × 720, 640 x 480, 320 x 240 Main Stream 2592 x 1944, 1920 x 1080, 1280 × 720, 640 x 480, 320 x 240 Main Stream 2592 x 1944, 1920 x 1080, 1280 × 720, 640 x 480, 320 x 240 Mobile Stream 440 x 480, 320 x 240 Mobile Stream 640 x 480, 320 x 240 Wolke 128 Kbps - 8 Mbps (CBR / VBR Adjustable) Video Compression H.265 / H.264 Ethernet 1 x RJ45 100 / 100M(BASE-T) ONVIF ONVIF Profile SG/T, 20.06) Protocol HTTP, HTTPs, FTP, SMTP, UPAP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP Security IP Address Filter; Complicated Password; Authenticated Username and Password IMAGE Day & Night IR cut filter with auto switch (Day/Night/Auto/Schedule) True WDR Yes Day Auto
Resolution       SMP         Image Size       2592 x 1944         Min. Illumination       Color: 0.05Lux @ F1.2(AGC ON)         Blow Shutter       Supported         Slow Shutter       Supported         IR Distance       Up to 147/ft         Lens       Motorized 2.7-13.5mm         Field of View       Horizontal: 101 ~ 32°, Vertical: 71 ~ 23°, Diagonal: 129 ~ 40°         WDR       120dB         VIDEO STREAM         Max. Image Resolution       2592 x 1944 @ 30fps         Supported Resolution       2592 x 1944, 1920 x 1080, 1280 × 720, 640 x 480, 320 x 240         Main Stream       2592 x 1944, 1920 x 1080, 1280 × 720         Sub Stream       1280 x 720, 640 x 480, 320 x 240         Mobile Stream       640 x 480, 320 x 240         Video Compression       H.265 / H.264         Video Compression       H.265 / H.264         WOR       12 Rkps - 8 Mbps (CBR / VBR Adjustable)         Max. Framerate       SOHz: 25fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA         Methores       1 x R/45 10M / 100M(BASE-T)         ONVIF       ONVIF (Profile S/G/T, 20.60)         Protocol       HTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPOE, DHCP         Security       IP Address Filt
Image Size       2592 x 1944         Min. Illumination       Color: 0.05lux @ F1.2/AGC ON)       BW: 0lux w IR ON         Shutter Speed       1/20,000s - 1/5s         Slow Shutter       Supported         IR Distance       Up to 147ft         Lens       Motorized 2.7-13.5mm         Field of View       Horizontal: 101 ~ 32°, Vertical: 71 ~ 23°, Diagonal: 129 ~ 40°         WDR       120dB         VIDEO STREAM       Motorized 2.7-13.5mm         Max.Image Resolution       2592 x 1944 @ 30fps         Supported Resolutions       2592 x 1944 @ 30fps         Supported Resolutions       2592 x 1944 (1920 x 1080, 1280 x 720, 640 x 480, 320 x 240         Main Stream       1280 x 720, 640 x 480, 320 x 240         Mobile Stream       1280 x 720, 640 x 480, 320 x 240         Wideo Compression       1.425 / H.264         Video Bit Rate       128 k bps ~ 8 Mbps (CBR / VBR Adjustable)         Video Bit Rate       128 k bps ~ 8 Mbps (CBR / VBR Adjustable)         Max. Framerate       50Hz: 25fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA         NETWORK       Ethernet       1 x RJ45 10M / 100M((BASE-T)         ONVIF (Profile S/G/T, 20.06)       ONVIF (Profile S/G/T, 20.06)         Protocol       HTTP, HTTPs, FTP, SMTP, UPP P, SMDP, DNS, DDNS, NTP,
Min. Illumination       Color: 0.05lux @ F1.2(AGC ON)       BW: 0lux w IR ON         Shutter Speed       1/20,000s ~ 1/5s         Slow Shutter       Supported         IR Distance       Up to 147ft         Lens       Motorized 2.7-13.5mm         Field of View       Horizontai: 101 ~ 32°, Vertical: 71 ~ 23°, Diagonal: 129 ~ 40°         WDR       120d8         VIDEO STREAM         Max. Image Resolution       2592 x 1944 @ 30fps         Supported Resolution       2592 x 1944 @ 30fps         Supported Resolution       2592 x 1944 @ 30fps         Supported Resolution       2592 x 1944 @ 302 x 240         Main Stream       2592 x 1944 @ 302 x 240         Mobile Stream       1280 x 720, 640 x 480, 320 x 240         Mobile Stream       1280 x 720, 640 x 480, 320 x 240         Video Compression       H.265 / H.264         Video Compression       H.265 / H.264         Video Compression       H.265 / H.264         Video Dift Rate       128 KDps ~ 8 Mbps (CBR / VBR Adjustable)         Solb-2556/// Seb.MP14MP/3MP12MP1960P/720P/VGA/QVGA, 60Hz: 30fps@SMP14MP/3MP12MP1960P/720P/VGA/QVGA         NETWORK       Ethermet       1 x RJ45 10M / 100M(BASE-T)         ONVIF (Profile S/G/T, 20.06)       Protocol       HTTP, HTTPs, FTP, SMTP, UPAP, SNMP, DNS, DDNS, NTP, R
Shutter Speed 1/20,000s ~ 1/5s Slow Shutter Supported IR Distance Up to 147ft Lens Motorized 2.7-13,5mm Field V View Horizontal: 101 ~ 32°, Vertical: 71 ~ 23°, Diagonal: 129 ~ 40° WDR 120dB VIDEO STREAM Max. Image Resolution 2592 × 1944 @ 30fps Supported Resolutions 2592 × 1944, 1920 × 1080, 1280 × 720, 640 × 480, 320 × 240 Main Stream 2592 × 1944, 1920 × 1080, 1280 × 720, 640 × 480, 320 × 240 Main Stream 2592 × 1944, 1920 × 1080, 1280 × 720, 640 × 480, 320 × 240 Sub Stream 1280 × 720, 640 × 480, 320 × 240 Video Compression 1.265 / 1.264 Video Compression 1.265 / 1.264 Video Compression 1.265 / 1.264 NeTWORK Ethernet 1 × RJ45 10M / 100M(BASE-T) ONVIF (Profile S/G/T, 20.66) Protocol HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP Security IP Address Filter; Complicated Password; Authenticated Username and Password IMAGE Day & Night IR cut filter with auto switch (Day/Night/Auto/Schedule) True WDR Yes Backlight Compensation (BLC) Off/On (5 Love)
Slow Shutter Supported IR Distance Up to 147ft Lens Motorized 2.7-13.5mm Field of View Horizontal: 101 ~ 32°, Vertical: 71 ~ 23°, Diagonal: 129 ~ 40° WDR 120dB VIDEO STREAM Max. Image Resolution 2592 x 1944 @ 30fps Supported Resolutions 2592 x 1944, 1920 x 1080, 1280 × 720, 640 x 480, 320 x 240 Main Stream 2592 x 1944, 1920 x 1080, 1280 × 720 Sub Stream 1280 × 720, 640 x 480, 320 x 240 Mobile Stream 404 x 480, 320 x 240 Video Compression H. 255 / H.264 Video Bit Rate 128 Kbps ~ 8 Mbps (CBR / VBR Adjustable) Max. Framerate 50Hz: 25fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA NETWORK Ethernet 1 x R,45 10M / 100M(BASE-T) ONVIF ONVIF( Profile S/G/T, 20.06) Protocol HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP Security IP Address Filter; Complicated Password; Authenticated Username and Password IMAGE Day & Night IR cut filter with auto switch (Day/Night/Auto/Schedule) True WDR Yes Digital NR Yes (3D DNR) Backlight Compensation (BLC) Off/On (8 Level)
IR Distance Up to 147ft Lens Motorized 2.7-13.5mm Field of View Horizontal: 101 ~ 32°, Vertical: 71 ~ 23°, Diagonal: 129 ~ 40° WDR 120dB VIDEO STREAM Max. Image Resolution 2592 x 1944 @ 30fps Supported Resolutions 2592 x 1944, 1920 x 1080, 1280 × 720, 640 x 480, 320 x 240 Main Stream 2592 x 1944, 1920 x 1080, 1280 × 720, 640 x 480, 320 x 240 Main Stream 1280 × 720, 640 x 480, 320 x 240 Mobile Stream 640 x 480, 320 x 240 Video Compression H.265 / H.264 Video Bit Rate 128 Kbps ~ 8 Mbps (CBR / VBR Adjustable) Max. Framerate 50Hz: 25fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA NETWORK Ethemet 1 x RJ45 10M / 100M(BASE-T) ONVIF ONVIF(Profile S/G/T, 20.06) Protocol HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP Security IP Address Filter; Complicated Password; Authenticated Username and Password IMAGE Day & Night IR cut filter with auto switch (Day/Night/Auto/Schedule) True WDR Yes Digital NR Yes (3D DNR) Backlight Compensation (BLC) Off/On (8 Level)
Lens Motorized 2.7-13.5mm Field of View Horizontal: 101 ~ 32°, Vertical: 71 ~ 23°, Diagonal: 129 ~ 40° WDR 120dB VIDEO STREAM Max. Image Resolution 2592 x 1944 @ 30fps Supported Resolutions 2592 x 1944, 1920 x 1080, 1280 × 720, 640 x 480, 320 x 240 Main Stream 2592 x 1944, 1920 x 1080, 1280 × 720 Sub Stream 1280 × 720, 640 x 480, 320 x 240 Mobile Stream 640 x 480, 320 x 240 Video Compression H.265 / H.264 Video Bit Rate 128 K0ps ~ 8 Mbps (CBR / VBR Acjustable) Max. Framerate 50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA NETWORK Ethernet 1 x RJ45 10M / 100M(BASE-T) ONVIF ONVIF( Profile S/G/T, 20.06) Protocol HTTP, HTTPs, FTP, SMTP, UPP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP Security IP Address Filter, Complicated Password, Authenticated Username and Password IMAGE Day & Night I R cut filter with auto switch (Day/Night/Auto/Schedule) True WDR Yes Digital NR Yes (3D DNR) Backlight Compensation (BLC) Off/On (8 Level)
Field of View       Horizontal: 101 ~ 32°, Vertical: 71 ~ 23°, Diagonal: 129 ~ 40°         WDR       120dB         VIDEO STREAM         Max. Image Resolution       2592 x 1944 @ 30fps         Supported Resolution       2592 x 1944, 1920 x 1080, 1280 × 720, 640 x 480, 320 x 240         Main Stream       2592 x 1944, 1920 x 1080, 1280 × 720         Sub Stream       1280 × 720, 640 x 480, 320 x 240         Mobile Stream       640 x 480, 320 x 240         Video Compression       H.255 / H.264         Video Bit Rate       128 Kbps ~ 8 Mbps (CBR / VBR Adjustable)         Max. Framerate       50Hz: 25fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@SMP/4MP/3MP/2MP/960P/720P/VGA/QVGA         NETWORK       Ethernet       1 x RJ45 10M / 100M(BASE-T)         ONVIF       ONVIF (Profile S/G/T, 20.06)       Protocol         Protocol       HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP         Security       IP Address Filter; Complicated Password, Authenticated Username and Password         IMAGE       Digital NR       Yes         Digital NR       Yes (3D DNR)       Backlight Compensation (BLC)       Off/On (8 Level)
WDR       120dB         VIDEO STREAM         Max. Image Resolution       2592 x 1944 @ 30fps         Supported Resolutions       2592 x 1944, 1920 x 1080, 1280 × 720, 640 x 480, 320 x 240         Main Stream       2592 x 1944, 1920 x 1080, 1280 × 720         Sub Stream       1280 × 720, 640 x 480, 320 x 240         Mobile Stream       640 x 480, 320 x 240         Video Compression       H.265 / H.264         Video Compression       H.265 / H.264         Video Bit Rate       128 kbps ~ 8 Mbps (CBR / VBR Adjustable)         Max. Framerate       50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA         METWORK       Ethernet       1 x RJ45 10M / 100M(BASE-T)         ONVIF       ONVIF (Profile S/G/T, 20.06)       ONVIF ONVIF (Profile S/G/T, 20.06)         Protocol       HTTP, HTTPs, FTP, SMTP, UPNP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP       Security         Security       IP Address Filter; Complicated Password; Authenticated Username and Password       IMAGE         IMAGE       Day & Night       IR cut filter with auto switch (Day/Night/Auto/Schedule)       True WDR         True WDR       Yes (3D DNR)       Backlight Compensation (BLC) Off/On (5 Zone)       Motion Detection       Off/On (8 Level)
VIDEO STREAM         Max. Image Resolution       2592 x 1944, 1920 x 1080, 1280 x 720, 640 x 480, 320 x 240         Supported Resolution       2592 x 1944, 1920 x 1080, 1280 x 720         Main Stream       2592 x 1944, 1920 x 1080, 1280 x 720         Sub Stream       1280 x 720, 640 x 480, 320 x 240         Mobile Stream       640 x 480, 320 x 240         Video Compression       H.265 / H.264         Video Bit Rate       128 Kbps ~ 8 Mbps (CBR / VBR Adjustable)         Max. Framerate       50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA         METWORK       Ethernet         1 x RJ45 10M / 100M(BASE-T)         ONVIF       ONVIF (Profile S/G/T, 20.66)         Protocol       HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP         Security       IP Address Filter; Complicated Password; Authenticated Username and Password         IMAGE       Day & Night         Day & Sight       IR cut filter with auto switch (Day/Night/Auto/Schedule)         True WDR       Yes         Digital INR       Yes (3D DNR)         Backlight Compensation (BLC)       Off/On (5 Zone)         Motion Detection       Off/On (8 Level)
Max. Image Resolution       2592 x 1944 @ 30fps         Supported Resolutions       2592 x 1944, 1920 x 1080, 1280 × 720, 640 x 480, 320 x 240         Main Stream       2592 x 1944, 1920 x 1080, 1280 × 720         Sub Stream       1280 × 720, 640 x 480, 320 x 240         Mobile Stream       640 x 480, 320 x 240         Video Compression       H.265 / H.264         Video Bit Rate       128 K bps ~ 8 Mbps (CBR / VBR Adjustable)         Max. Framerate       50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA         NETWORK       Ethernet       1 x RJ45 10M / 100M(BASE-T)         ONVIF       ONVIF (Profile S/G/T, 20.06)         Protocol       HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP         Security       IP Address Filter; Complicated Password; Authenticated Username and Password         IMAGE       Day & Night       IR cut filter with auto switch (Day/Night/Auto/Schedule)         True WDR       Yes       Digital NR       Yes (3D DNR)         Backlight Compensation (BLC)       Off/On (5 Zone)       Motion Detection       Off/On (8 Level)
Supported Resolutions       2592 x 1944, 1920 x 1080, 1280 x 720, 640 x 480, 320 x 240         Main Stream       2592 x 1944, 1920 x 1080, 1280 x 720         Sub Stream       1280 x 720, 640 x 480, 320 x 240         Mobile Stream       640 x 480, 320 x 240         Video Compression       H.265 / H.264         Video Bit Rate       128 Kbps ~ 8 Mbps (CBR / VBR Adjustable)         Max. Framerate       50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA         NETWORK       Ethernet       1 x RJ45 10M / 100M(BASE-T)         ONVIF       ONVIF (Profile S/G/T, 20.06)         Protocol       HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP         Security       IP Address Filter; Complicated Password; Authenticated Username and Password         IMAGE       Day & Night       IR cut filter with auto switch (Day/Night/Auto/Schedule)         True WDR       Yes         Digital NR       Yes (3D DNR)         Backlight Compensation (BLC)       Off/On (5 Zone)         Motion Detection       Off/On (8 Level)
Main Stream       2592 x 1944, 1920 x 1080, 1280 × 720         Sub Stream       1280 × 720, 640 x 480, 320 x 240         Mobile Stream       640 x 480, 320 x 240         Video Compression       H.265 / H.264         Video Bit Rate       128 Kbps ~ 8 Mbps (CBR / VBR Adjustable)         Max. Framerate       50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA         NETWOOK       Ethernet         Ethernet       1 x RJ45 10M / 100M(BASE-T)         ONVIF       ONVIF (Profile S/G/T, 20.06)         Protocol       HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP         Security       IP Address Filter; Complicated Password; Authenticated Username and Password         IMAGE       Day & Night       IR cut filter with auto switch (Day/Night/Auto/Schedule)         True WDR       Yes       Digital NR       Yes (3D DNR)         Backlight Compensation (BLC)       Off/On (8 Level)       Off/On (8 Level)
Sub Stream       1280 × 720, 640 × 480, 320 × 240         Mobile Stream       640 × 480, 320 × 240         Video Compression       H.265 / H.264         Video Bit Rate       128 Kbps ~ 8 Mbps (CBR / VBR Adjustable)         Max. Framerate       50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA         NETWORK       Ethernet       1 x RJ45 10M / 100M(BASE-T)         ONVIF       ONVIF (Profile S/G/T, 20.06)       Protocol         Protocol       HTTP, STTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP         Security       IP Address Filter; Complicated Password; Authenticated Username and Password         IMAGE       Day & Night       IR cut filter with auto switch (Day/Night/Auto/Schedule)         True WDR       Yes         Digital NR       Yes (3D DNR)         Backlight Compensation (BLC)       Off/On (5 Zone)         Motion Detection       Off/On (8 Level)
Mobile Stream       640 x 480, 320 x 240         Video Compression       H.265 / H.264         Video Bit Rate       128 Kbps ~ 8 Mbps (CBR / VBR Adjustable)         Max. Framerate       50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA         NETWORK       Ethernet       1 x RJ45 10M / 100M(BASE-T)         ONVIF       ONVIF (Profile S/G/T, 20.06)         Protocol       HTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP         Security       IP Address Filter; Complicated Password; Authenticated Username and Password         IMAGE       Day & Night       IR cut filter with auto switch (Day/Night/Auto/Schedule)         True WDR       Yes         Digital NR       Yes (3D DNR)         Backlight Compensation (BLC)       Off/On (5 Zone)         Motion Detection       Off/On (8 Level)
Video Compression       H.265 / H.264         Video Bit Rate       128 Kbps ~ 8 Mbps (CBR / VBR Adjustable)         Max. Framerate       50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA         NETWORK       Ethernet       1 x RJ45 10M / 100M(BASE-T)         ONVIF       ONVIF (Profile S/G/T, 20.06)         Protocol       HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP         Security       IP Address Filter; Complicated Password; Authenticated Username and Password         IMAGE       Day & Night       IR cut filter with auto switch (Day/Night/Auto/Schedule)         True WDR       Yes       Digital NR         Digital NR       Yes (3D DNR)       Off/On (5 Zone)         Motion Detection       Off/On (8 Level)       Off/On (8 Level)
Video Bit Rate       128 Kbps ~ 8 Mbps (CBR / VBR Adjustable)         Max. Framerate       50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA         NETWORK       Ethernet       1 x RJ45 10M / 100M(BASE-T)         ONVIF       ONVIF (Profile S/G/T, 20.06)         Protocol       HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP         Security       IP Address Filter; Complicated Password; Authenticated Username and Password         IMAGE       Day & Night       IR cut filter with auto switch (Day/Night/Auto/Schedule)         True WDR       Yes       Digital NR         Digital NR       Yes (3D DNR)       Backlight Compensation (BLC)         Motion Detection       Off/On (8 Level)       Off/On (8 Level)
Max. Framerate 50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA NETWORK Ethernet 1 x RJ45 10M / 100M(BASE-T) ONVIF ONVIF( Profile S/G/T, 20.06) Protocol HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP Security IP Address Filter; Complicated Password; Authenticated Username and Password IMAGE Day & Night IR cut filter with auto switch (Day/Night/Auto/Schedule) True WDR Yes Digital NR Yes (3D DNR) Backlight Compensation (BLC) Off/On (5 Zone) Motion Detection Off/On (8 Level)
NETWORK         Ethernet       1 x RJ45 10M / 100M(BASE-T)         ONVIF       ONVIF (Profile S/G/T, 20.06)         Protocol       HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP         Security       IP Address Filter; Complicated Password; Authenticated Username and Password         IMAGE       IMAGE         Day & Night       IR cut filter with auto switch (Day/Night/Auto/Schedule)         True WDR       Yes         Digital NR       Yes (3D DNR)         Backlight Compensation (BLC)       Off/On (5 Zone)         Motion Detection       Off/On (8 Level)
ONVIF       ONVIF(Profile S/G/T, 20.06)         Protocol       HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP         Security       IP Address Filter; Complicated Password; Authenticated Username and Password         IMAGE         Day & Night       IR cut filter with auto switch (Day/Night/Auto/Schedule)         True WDR       Yes         Digital NR       Yes (3D DNR)         Backlight Compensation (BLC)       Off/On (5 Zone)         Motion Detection       Off/On (8 Level)
ONVIF       ONVIF(Profile S/G/T, 20.06)         Protocol       HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP         Security       IP Address Filter; Complicated Password; Authenticated Username and Password         IMAGE         Day & Night       IR cut filter with auto switch (Day/Night/Auto/Schedule)         True WDR       Yes         Digital NR       Yes (3D DNR)         Backlight Compensation (BLC)       Off/On (5 Zone)         Motion Detection       Off/On (8 Level)
Security IP Address Filter; Complicated Password; Authenticated Username and Password
Security IP Address Filter; Complicated Password; Authenticated Username and Password
Day & Night     IR cut filter with auto switch (Day/Night/Auto/Schedule)       True WDR     Yes       Digital NR     Yes (3D DNR)       Backlight Compensation (BLC)     Off/On (5 Zone)       Motion Detection     Off/On (8 Level)
True WDR     Yes       Digital NR     Yes (3D DNR)       Backlight Compensation (BLC)     Off/On (5 Zone)       Motion Detection     Off/On (8 Level)
Digital NR Yes (3D DNR) Backlight Compensation (BLC) Off/On (5 Zone) Motion Detection Off/On (8 Level)
Backlight Compensation (BLC) Off/On (5 Zone) Motion Detection Off/On (8 Level)
Motion Detection Off/On (8 Level)
Gain Control Auto
White Balance Auto/Manual/Indoor
Privacy Mask Off/On (4 Zone, Rectangle)
Flip / Mirror Flip/Rotation
Sharpness Yes
Image Setting Yes
Language Support for English and Korean
Supported Recorders Diversity Series
On-Board Storage Micro SD slot, up to 256GB
Alarm/Audio 1 input, 1 output/1 input (RCA), 1 output (RCA)
Hardware Reset Yes
Smart Feature PID,LCD,PD/VD,FD
Smart Events Human Detection, Face Detection, Vehicle Detection
Alarm Link Events Motion Detection, Sensor Alarm
GENERAL
Angle Adjustment Any Angle
Input Voltage DC 12V / PoE (802.3af)
Power Consumption <6W
Weight 0.7lbs
Working Temperature -22°~131° F (-30°~55° C)
Dimensions Ø4.41" x 5.91"



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