

1/2" High Sensitivity Camera

DK-S18-04/DK-S18-00

2MP HD-SDI Outdoor Dome Camera

HD-SDI
EX-SDI

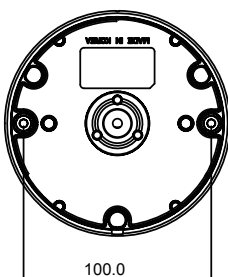
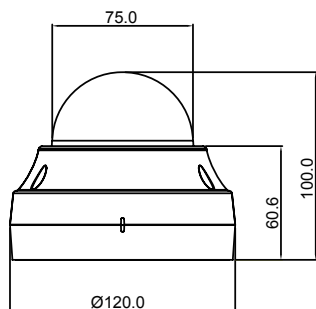


Features

- 1/2" 2MP Sony CMOS sensor
- 1080p@60/50fps, 1080p@30/25fps, 720p@60/50fps, 720p@30/25fps
- HD-SDI, EX-SDI, TVI, CVBS
- 4mm Fixed Lens
- Real-time True WDR
- Digital Noise Reduction(2D+3D)
- Digital Slow Shutter
- Digital Image Stabilizer
- Privacy Mask Function
- High Light Compensation
- Defog Function
- ACE(Digital WDR)
- Motion Detection
- IP66/IK10 for outdoor application
- Built-in OSD Control joystick
- UTC(Up The Cable with TVI DVR)
- 4pcs IR LED(IR Distance 15m, DK-S18-04 only)

Dimensions

Unit : mm



CAMERA	
Image Sensor	1/2" Sony CMOS Sensor
Total Pixels	1952(H) x 1241(V) = 2.42M Pixels
Active Pixels	1937(H) x 1097 (V) = 2.12M Pixels
Resolution	1080p@60/50fps, 1080p@30/25fps, 720p@60/50fps, 720p@30/25fps
Min. Illumination	Color(1/30s) : 0.2 lux , BW(1/30s) : 0.003lux Color DSS(1/7.5s) : 0.05 lux , BW DSS(1/7.5s) : 0.0007 lux
S/N Ratio	more than 50dB (AGC off)
Video Output	HD-SDI, EX-SDI, TVI, CVBS

LENS	
Lens Type	4mm Fixed Lens

CAMERA FUNCTIONS	
Camera Title	ID / Title / Zoom Ratio / System Message
Day & Night	Auto / Day / Night / Ext-In
WDR/BLC	Off / WDR / BLC / HLC
ACE	Off / Low / Middle / High
DNR	Auto / Off / Low / Middle / High
Defog	Off / On(Auto / Manual)
Digital Image Stabilizer	Off / On
Motion Detection	Off / On (3 positions)
Privacy Mask	Off / On (24 positions)
Digital Slow Shutter	Off /x2 /x4 (/ x8 : 60 or 50fps mode only)
Gain Control	Off / On
White Balance	Auto / One Push / Manual / Indoor / Outdoor
Shutter Speed	1/30(25) ~ 1/30,000 sec
E.Zoom	Off / x2 ~ x32
Digital Flip	Off / H / V / H&V

GENERAL	
Power Source	DC12V±10% / AC24V±10%
Power Consumption	DC12V 350mA, IR : 450mA AC24V 150mA, IR : 200mA
Operating Temperature	-10°C ~ +50°C / 0% ~ 90% RH
Dimensions	120(Ø) x 100(H) mm
Weight	0.31Kg

Low light comparison



1/2" CMOS



1/3" CMOS