

SN-E1305F-AB3 5MP Hybrid Analogue Eyeball



- 1/2.8" Progressive Scan CMOS
- 3.6mm Lens
- Max 20fps@5MP
- Video Transmission 300m
- IR Range up to 20m
- 2D DNR, dWDR, ICR, BLC, Mirror, ATW
- Support AHD/TVI/CVI/CVBS Output
- IP66

System Overview

Eco series products support simplicity of using existing cabling infrastructure with HDVI. It features a compact design and high quality image. It's suitable for the scenes requires high definition image display such as finance, government, schools, shops, airports, factories and hotels and so on.

Functions

4 Signals over 1 Coaxial Cable

HDVI technology supports 4 signals to be transmitted over 1 coaxial cable simultaneously video data. Dual-way data transmission allows the HDVI camera to interact with the DVR, such as sending control signal or triggering alarm.

Long Distance Transmission

HDVI technology guarantees long-distance and real-time transmission without any loss. It supports up to 300m for 1080P video via coaxial cable.

Simplicity

HDVI technology inherits the born feature of simplicity from traditional analog surveillance system, making itself a best choice for investment protection. HDVI 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

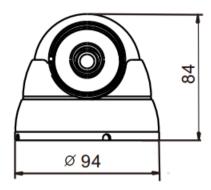
With a temperature range of -10 °C to +55 °C (14 °F to +131 °F). Subjected and certified to rigorous dust and water immersion tests, the IP66 rating makes it suitable for demanding outdoor applications.

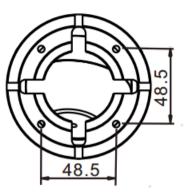
Technical Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixels	2560(H) x 1920(V)
Scanning System	Progressive
Electronic Shutter	Auto, PAL:1/25-1/10000s, NTSC:1/30-1/10000s
Min. illumination	Color:0.05Lux@(F1.2,AGC ON) ; B/W:0Lux@(IR LED ON)
S/N Ratio	More than 48dB
IR Range	up to 20m
IR On/Off Control	Auto/Manual
IR LEDs	18pcs
OSD Joystick	Optional
Up the Coax	Support
Pan/Tilt/ Rotation Range	Pan:0°~360°; Tilt:0°~90°; Rotation:0°~360°
Lens	
Lens Type	Fixed
Iris	Fixed Iris
Iris Focal Length	Fixed Iris 3.6mm
Focal Length	3.6mm
Focal Length	3.6mm F2.0
Focal Length F Number Angle of View	3.6mm F2.0 H: 80°, V: 58°
Focal Length F Number Angle of View Focus Control Close Focus	3.6mm F2.0 H: 80°, V: 58° Fixed
Focal Length F Number Angle of View Focus Control Close Focus Distance	3.6mm F2.0 H: 80°, V: 58° Fixed
Focal Length F Number Angle of View Focus Control Close Focus Distance Video	3.6mm F2.0 H: 80°, V: 58° Fixed 0.5m
Focal Length F Number Angle of View Focus Control Close Focus Distance Video Resolution	3.6mm F2.0 H: 80°, V: 58° Fixed 0.5m 5MP (2560×1920)

OSD MenuSupportWide Dynamic RangedWDR, OFF/ONGain ControlAutoNoise Reduction2D DNR, MANUAL(1-10)White BalanceAutoBLCSupportMirrorSupportMotion DetectionN/APrivacy MaskingN/APower SupplyDC12V±10%Power Supply-10 °C ~ 55 °C (14°F ~ 131 °F)Operating Protection-10 °C ~ 55 °C (14°F ~ 131 °F)Operating ProtectionIP66Ingress ProtectionIP66CasingMetalDimensionsФ94×84mmNet Weight360g		
RangeOWDR, OFF/ONGain ControlAutoNoise Reduction2D DNR, MANUAL(1-10)White BalanceAutoBLCSupportMirrorSupportMotion DetectionN/APrivacy MaskingN/AGeneralUC12V±10%Power SupplyDC12V±10%Power ConsumptionMax. 3.5W (12V DC, IR ON)Operating Temperature-10 °C ~ 55 °C (14°F ~ 131 °F)Operating HumidityLess than 85% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetalDimensions094×84mm	OSD Menu	Support
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Motion DetectionN/APrivacy MaskingN/AGeneralPower SupplyDC12V±10%Power ConsumptionMax. 3.5W (12V DC, IR ON)Operating Temperature-10 °C ~ 55 °C (14°F ~ 131 °F)Operating HumidityLess than 85% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetalDimensionsФ94×84mm	BLC	Support
DetectionN/APrivacy MaskingN/AGeneralImage: Construct of the state of the stat	Mirror	Support
MaskingN/AGeneralPower SupplyDC12V±10%Power ConsumptionMax. 3.5W (12V DC, IR ON)Operating Temperature-10 °C ~ 55 °C (14°F ~ 131 °F)Operating HumidityLess than 85% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetalDimensionsΦ94×84mm		N/A
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Power ConsumptionMax. 3.5W (12V DC, IR ON)Operating Temperature-10 °C ~ 55 °C (14°F ~ 131 °F)Operating HumidityLess than 85% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetalDimensionsΦ94×84mm	General	
ConsumptionMax. 3.5W (12V DC, IR ON)Operating Temperature-10 °C ~ 55 °C (14°F ~ 131 °F)Operating HumidityLess than 85% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetalDimensionsΦ94×84mm	Power Supply	DC12V±10%
Temperature -10 C ~ 55 C (14 F ~ 151 F) Operating Humidity Less than 85% RH Ingress Protection IP66 Certifications CE/FCC Casing Metal Dimensions Φ94×84mm		Max. 3.5W (12V DC, IR ON)
Humidity Less than 65% RH Ingress IP66 Protection CE/FCC Casing Metal Dimensions Φ94×84mm		
Protection IPoo Certifications CE/FCC Casing Metal Dimensions Φ94×84mm	Temperature	-10 °C ~ 55 °C (14°F ~ 131 °F)
Casing Metal Dimensions Φ94×84mm	Operating	
Dimensions Φ94×84mm	Operating Humidity Ingress	Less than 85% RH
	Operating Humidity Ingress Protection	Less than 85% RH
Net Weight 360g	Operating Humidity Ingress Protection Certifications	Less than 85% RH IP66 CE/FCC
	Operating Humidity Ingress Protection Certifications Casing	Less than 85% RH IP66 CE/FCC Metal

Dimensions(mm)





Accessories

Optional:



SN-CBK629A Junction Box

SN-BK322B Junction Box



SN-CBK646A Junction Box

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