





**Dual Sensor BCR camera** 











#### **Key Features**

- Dual Global Sensor for Barcode Reading and Video Monitoring
- MONO 4K 1" + COLOR 4K 1"
- 16mm Fixed (Ultra-Wide FoV)
- AI barcode location search
- Track barcodes on high speed conveyor belt moving at 2m/s(6.5ft/s)
- 1D Code is available (Code128 / Code93 / Codabar / Interleaved 2 of 5 / UPC / EAN)
- Reinforced durability
- IP66, IP67, IK10, NEMA TS-2 2.2.9, M12 8pin Ethernet connect
- Humidity control with AIR vent, EN 60068-2-6(vibration resistance)
- EN 60068-2-27 (shock resistance), Operating temperature -40°C  $\sim$  + 55°C



### **Dual Sensor BCR camera**







### **Specifications**

Video	
Imaging Device	Global Shutter Mono 1" CMOS Global Shutter Color 1" CMOS
Resolution	Mono: Max 4096x2160 Color: Max 4096x2160
Max. Framerate	Mono: Max 20fps Color: Max 20fps
Pixel Size	3.45μm(H)×3.45μm(V)
Lens	
Focal Length (Zoom Ratio)	16mm
Max. Aperture Ratio	Mono: F8.0 Color: F8.0
Angular Field of View	Mono: H47.5° / V26.9° / D53.2° Color: H47.5° / V26.9° / D53.2°
Min. Object Distance	0.15m (0.49ft)
Focus Control	Manual
Lens Type	Manual
Mount Type	C Mount
Operational	
Camera Title	Displayed up to 85 characters
Digital Noise Reduction	SSNR V
Gain Control	- Manual - 0~48dB
White Balance	AWC / Manual
Electronic Shutter Speed	- Manual - 1/10,000~1/30s (100us ~ 33.33ms)
Video Rotation	Flip, Mirror
Analytics	Barcode recognition - Barcode type: 1D Code, Code128 / CODE39 / CODE93 / Codabar / ITF(Interleaved 2 of 5) / UPC / EAN
Light Type	White LED 32ea
Network	
Ethernet	M12 8pin connector (10/100/1000BASE-T)
Video Compression	H.265/H.264: Main/High, MJPEG
Video Quality Adjustment	H.264/H.265: Target bitrate level control MJPEG: Quality Level control
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR



SL/TLS, DHCP, our, SCHAPv2)
our, SCHAPv2)
our, SCHAPv2)
our, SCHAPv2)
our, SCHAPv2)
SCHAPv2)
tuguese,

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com. Hanwha Vision is formerly known as Hanwha Techwin.





Certifications & Standards	
EMC	FCC 47 CFR 15 Subpart B Class A ICES-3(A)/NMB-3(A) CE/UKCA - EN 55032 Class A, EN 50130-4, EN 61000-3-2, EN 61000-3-3 KS C 9832 Class A, KS C 9835
Safety	UL 62368-1, CAN/CSA C22.2 NO. 62368-1 IEC/EN 62471
Environment	EN 60068-2-6 (variation resistance) EN 60068-2-27 (shock resistance) NEMA TS-2 2.2.9 (shock resistance) IEC/EN 60529 IP67, IP66 IEC/EN 62262 IK10



**Dual Sensor BCR camera** 







CAD Unit:mm [inch]

