

# DS-I450L(B)

DS-I450L(B) 2.8mm 4mp LED 30m ColorVu IP Mini Bullet Kamera HiWatch IP67 Protection Standard, WDR 120dB

Model	DS-I450L(B)
Brend	Hiwatch
Qoruma	IP67
Növ	IP
Meqapixel	4 MP
İşıqlandırma	LED
İşıqlandırma məsafəsi	30 m
Obyektiv	Sabit
Fokus	2.8mm
İş mühiti	Outdoor
Material	Metal



## Specification

Matrix	1/3" Progressive Scan CMOS
Maximum resolution	2560×1440
Sensitivity	Color: 0.001 Lux @ (F1.0, AGC on), B/W: 0 Lux with white backlight
Electronic shutter speed	1/3 to 1/100,000 s
Day/night mode	Color image 24/7
Adjusting the viewing angle	Pan: 0 to 360°, Tilt: 0 to 90°, Rotation: 0 to 360°
Lens type	Fixed lens 2.8 and 4 mm (optional)
Focal length and viewing angle	2.8 mm, horizontal: 96.5°, vertical: 50.8°, diagonal: 113.9° 4 mm, horizontal: 75.8°, vertical: 40.8°, diagonal: 89.1°
Lens mount	M12
Aperture type	Fixed
Aperture	F1.0
DORI	2.8 mm, D: 64.0 m, O: 25.4 m, R: 12.8 m, I: 6.4 m 4 mm, D: 77.4 m, O: 30.7 m, R: 15.5 m, I: 7.7 m
Backlight type	White backlight
Additional backlight range	Up to 30 m
Additional smart lighting	Yes
Main thread	50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440), 30 fps (1920 × 1080, 1280 × 720)
Additional stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
Video compression	Main Stream: H.265+/H.265/H.264+/H.264 Sub Stream: H.265/H.264/MJPEG
Video bitrate	From 32 Kbps to 8 Mbps
H.264 profile	BaseLine Profile/Main Profile/High Profile
H.265 profile	Main Profile
Region of interest (ROI)	1 fixed area for main stream

Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP™, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS
Simultaneous real-time viewing	Up to 6 channels
API	ISAPI
User/Host	Up to 32 users. 3 user levels: Administrator, Operator and User
Client	iVMS-4200, Hik-Connect
Web interface	Live View plugin required: IE 10+ Live View plugin not required: Chrome 57.0+, Firefox 52.0+ Local services: Chrome 57.0+, Firefox 52.0+
Image Settings	Saturation, brightness, contrast, sharpness, AGC and white balance are adjustable via client software or web interface
Day/night mode	Day / Night / Automatic / Scheduled
Wide Dynamic Range (WDR)	120 dB
Image enhancement	BLC, HLC, 3D DNR
Network interfaces	1 RJ45 auto 10/100M Ethernet port
Main events	Motion detection, tamper detector, exceptions
Binding	Upload to FTP, notify monitoring center, send email, capture image
Nutrition	DC 12 V ± 25%, 0.4 A, max. 5 W, Ø 5.5 mm coaxial power connector PoE: 802.3af, class 3, 36 to 57 V, 0.2 to 0.15 A, max. 6.5 W
Camera material	Aluminum alloy body
Camera size	Ø 76.6 × 164.4 mm (Ø 3 × 6.5")
Packing size	234 × 120 × 117 mm (9.2 × 4.7 × 4.6")
Camera weight	Approx. 425 g
Weight with packaging	Approx. 633 g
Storage conditions	From -30 to +60 °C. Humidity: 95% or less (non-condensing)
Working conditions	From -40 to +60 °C. Humidity 95% or less (non-condensing)
Main functions	Anti-Flicker, Heartbeat, Mirroring, Password Protection, Area Masking, Watermarks, IP Address Filtering
EMC Standards	FCC (47 CFR part 15 subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Safety Standards	CB: IEC 62368-1: 2014+A11; CE-LVD: EN 62368-1: 2014/A11: 2017; BIS: IS 13252 (Part 1): 2010/ IEC 60950-1: 2005
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection Standards	IP67: IEC 60529-2013