FLIR Ariel™ Corner Camera

Superior Low Light Performance in 5MP and in 8MP with Edge AI Video Analytics

Key Features

- Provides total room coverage due to unique corner mounting, ligature-free, housing, and discrete infrared illumination
- Ensures forensic detail in 5 MP or 8 MP video stream—even in harsh lighting conditions—thanks to superior low-light performance and wide dynamic range quality
- 8 MP Corner Camera with Edge AI Video analytics for Abandoned Object, Intrusion Detection, Camera sabotage, Trip wire, Loitering, Object removal, Object counting, Stopped vehicle, Face detection
- Offers a complete solution with FLIR United VMS as well as open integration with various of 3rd party VMSs

Main Applications

- Commercial buildings and close area surveillance inside critical infrastructure sites
- Areas that require complete coverage from a single camera
- 24/7 monitoring at correctional institutions, healthcare facilities, building lobbies and elevators

SPECIFICATIONS

	CC-3405-01-I	CC-3408-01-IA
Image sensor	1/2.7"	1/2.3"
Sensor resolution	5 MP	8 MP
Scanning mode	Progressive	
Lens type	2.1 mm, F/2.0, 139.1° HFOV × 101.65° VFOV @ 2592 × 1944	2.8 mm, F2.2, 132.9° HFOV × 98.1° VFOV @ 4000 × 3000
Digital slow shutter (DSS)	1/4 (1/4) – 1/60 (50) NTSC (PAL)	
White balance	AUTO	
Automatic gain control (AGC)	Yes	
Backlight compensation (BLC)	Yes, ON/OFF in linear mode	
Shutter WDR	130 dB	
Noise reduction	Yes	3D
Tamper detection	Yes	
Privacy zones	Yes	
Video motion detection	Yes	
Day/Night mode	Yes	
Mechanical IR cut filter	Yes	
Signal to noise ratio	±45 dB	
Camera		
Automatic electronic shutter (AES)	1/1 to 1/32,000	
Sensitivity	B/W: 0.036; Color: 0.172	B/W: 0.077; Color: 0.37
Video		
Compression	Enhanced H.265 main profile + Enhanced H.264 main/high/baseline Profile + MJPEG	

Specifications subject to change. For the most up-to-date specifications, please visit flir.com.

Max performance	HDR: 2592 × 1944 + 800 × 600, @30 fps 2048 × 1536 + 800 × 600, @30 fps	HDR: 3328 × 2496 + 720 × 480 + 640 × 480, @27 fps 3328 × 2496 + 720 × 575 + 640 × 480, @25 fps Linear: 3328 × 2496 + 720 × 480 + 640 × 480, @30 fps 3328 × 2496 + 720 × 576 + 640 × 480, @25 fps
Resolution range	Scalable from SVGA to 5 MP	Scalable from SVGA to 8 MP
Bandwidth	Configurable between 64 kbps and 20 Mbps	
Rate control	LBR, CBR, VBR	
SD card recording	microSD/microSDHC/microSDXC size up to 1 TB	
Network		
Network protocols	IPV4/6, HTTP, HTTPS, UPnP, DNS, NTP, RTSP, RTP, TCP, UDP, ICMP, IGMP, DHCP, ARP, IEEE 802.1X, SNMP, QoS, TLS, SMTP, FTP, DDNS, PPPoE, RTCP	
Ethernet	10/100 mbps	10/100/1000 mbps, auto sensing, half / full duplex
Remote configuration	Via web browser or supported VMS	
Firmware upgrade	Flash memory for upgrade of camera firmware over the network	
Supported web browser	Firefox, Chrome, Edge, Safari	
Security	Password protection IP address filtering TLS/HTTPS IEEE 802.1X network access control Digest authentication Password policy Protect from multiple failure login	
ONVIF support	Profiles S, G, M, and T	

SPECIFICATIONS, CONT.

	CC-3405-01-I	CC-3408-01-IA
Audio		
Bidirectional audio	Line in and Microphone built in, G.711/G.726/AAC/LPCM, Line out	
Alarm		
Input	2 dry alarm contacts, 5 V with 10 KΩ pull up, 100 mA @ room temperature	
Output	1 relay contact max. 350 V DC/AC, 130 mA	
Physical		
Enclosure	Metal IK10 vandal resistant/IP66	
Dimensions	150 × 82 × 52 mm (5.9 × 3.23 × 2.05 in)	
Unit weight	Net: 1.01 kg (2.22 lb) Gross: 1.35 kg (2.97 lb)	Net: 1.03 kg (2.27 lb) Gross: 1.39 kg (3.06 lb)
Electrical		
Input voltage	PoE IEEE802.3af (class 0), 12 V DC, 24 V AC	
Power consumption	12.95 W	
Power connection	RJ45, DC, AC	
IR Illumination		
Distance	15 m (49.2 ft)	10 m (32.80 ft)
Angle of illumination	Full 90°	
LED type	High-efficiency SMD	
Peak emission wavelength	940 nm	850 nm

Environmental		
Operating temperature	-30°C to 55°C (-22°F to 131°F)	-10°C to ~55°C (14°F to ~131°F) — IR off Heater not required
Storage temperature	-20°C to 70°C (-4°F to 158°F)	
Humidity	10%–90% (non-condensing)	
Warranty and Regulatory		
Warranty	According to FLIR RMA Policy and Process Notice document	
USA	FCC Part 15 (subpart B, class A, ICES-003)	
International	CE marked, EN 61000-6-3, EN 62368-1, EN 50130-4, CB 62368-1, LVD (CoC), RoHS, RCM, WEEE, ISTA-3A	
MTBF (hours)	526,279 (30°C); 149,537 (60°C)	
Shock and vibration	IEC 60068-2-64: 2008	
Bump and vibration	IEC 60068-2-27: 2008	

Specifications subject to change. For the most up-to-date specifications, please visit flir.com.

ORDERING INFORMATION

Model	Description
CC-3405-01-I	FLIR Ariel™ 5 MP Corner Camera
CC-3408-01-IA	FLIR Ariel™ 8 MP Corner Camera with Edge AI Video Analytics

For more information about FLIR Ariel™ Corner Camera please scan or visit:

For technical or sales support, please visit:
www.flir.com/about/general-inquiries