

**NO LIGATURE. SPECIALIZED FIELD OF VIEW.  
RUGGEDIZED FORM FACTOR.**

The Ariel 3MP Corner Camera features a unique corner-shape form factor with a specialized lens providing ceiling-to-floor and wall-to-wall field of view. Thanks to its impact-resistant, vandal-proof, no-ligature housing, built-in microphone and discrete Infrared illumination, the Ariel 3MP Corner camera provides an ideal indoor/outdoor solution for prison cells, jail cells, healthcare facilities, elevators, lobbies or any area requiring corner mounting and full coverage from a single, discreet ruggedized and safe camera.

**Features**

- Corner shape with no grip/ligature
- Extended Field of View (wall-wall/ceiling-floor)
- Extreme durability
- IK10+ 50 Joule /IP66
- Discrete IR illumination (940nm)
- Built-in Microphone
- Wide Dynamic Range
- Privacy Zones
- Tamper Detection
- Storage on the Edge

## General Specifications

Camera	
Image Sensor	1/2.8" BSI CMOS
Sensor Resolution	2048 x 1536
Scanning Mode	Progressive
Sensitivity	0.02 (color)/0.01 (BW), 0 Lux with IR illuminator ON, measured at 30 IRE
Lens Type	2.1mm, 120° HFOV x 90° VFOV, F1.8, D/N
AES	1/1.75 to 1/10,000 (auto)
DSS	max. shutter 1/7.5(6.25)~1/60(50) / min.
White Balance	Auto / ATW / Manual / One Push
AGC	Auto
BLC	On / Off
WDR	On / Off
Noise Reduction	3D
Tamper Detection	Yes
Privacy Zones	Yes
Video Motion Detection	Yes
Day/Night Mode	Yes
Mechanical IR Cut Filter	Yes
Signal to Noise Ratio	±50 dB
ONVIF Compliance	Onvif Profile S & G
Audio Intensity Detection	Yes
Video	
Compression	Fully compliant multi-stream H.264 main/high profile + MJPEG
Max Performance	H.264 30/25 fps@QXGA + SVGA(NTSC/PAL) or H.264 15/12 fps@QXGA +1280x960 + SVGA (NTSC/PAL)
Resolution Range	Scalable from SVGA to 3MP
Bandwidth	Configurable between 64Kbps and 20Mbps
Rate Control	CVBR
SD Card Recording	microSDXC up to 64GB (Class 10)
IR Illuminator	
Distance	up to 10 m (33 ft.)
Angle of illumination	Full 60°
LED Type	high efficiency SMD
Peak Emission Wavelength (nm)	940

Network	
Network Protocols	TCP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4, IPv6, SSL, LDAP
Ethernet	10/100, auto sensing, half / full duplex (RJ45)
Remote Configuration	via web browser or supported video management software
Firmware Upgrade	Flash memory for upgrade of camera firmware over the network
Supported Web Browser	Internet Explorer 10+, Firefox 50+, Chrome 55+
Security	User account with password protection and IP filter
Audio	
Input	Built in Microphone, G.711 a/μ-law, AAC support
Alarm	
Input	1 Dry Alarm Contact
Output	1 Relay Contact
Physical	
Enclosure	IK10+ 50 Joule Impact Resistant / IP66
Dimensions	184 x 179 x 59 mm
Unit Weight	1.21kg(2.67 lbs.)
Mechanical	
Lens / IR Window	IK10 Vandal Resistant Polycarbonate
Lens Window Transmittance	45%
Electrical	
Input Voltage	802.3af PoE
Power Consumption	3.4W / 9.4W with heater and IR
Power Connection	PoE
Environmental	
Operating Temperature	-40°C to 50°C (-40°F to 122°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Humidity	90% (non-condensing)
Warranty & Regulatory	
Warranty	According to FLIR RMA Policy and Process Notice document
USA	UL 60950, FCC Part 15 (subpart B, class A)
International	CE marked, EN61000-6-3 & EN50130-4, RoHS, RCM
MTBF (hrs)	382,189

## Camera Ordering Information

Type	Series	Camera Resolution	Lens Option	Environmental	IR Illuminator
CC	31	03	0	1	I
Corner Camera	31 = Ariel Gen II	03 = 3 MP	0 = 2.1mm	1 = IP66 Vandal with Heater	I = 60° Illuminator



**CORPORATE HEADQUARTERS**  
FLIR Systems, Inc.  
27700 SW Parkway Ave.  
Wilsonville, OR 97070  
PH: +1 877.773.3547

**FLIR SECURITY HEADQUARTERS**  
FLIR Systems, Inc.  
6769 Hollister Ave,  
Ridgefield, NJ 07660

**FLIR SECURITY EAST COAST**  
FLIR Systems, Inc.  
65 Challenger Rd  
Ridgefield Pk., NJ 07660

**CANADA**  
FLIR Systems - Canada  
250 Royal Crest Court  
Markham, Ontario,  
Canada L3R 3S1  
PH: +1 888.425.6739

www.flir.com  
NASDAQ: FLIR

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