



ALPHAFINITY

A1 SECURITYCAMERAS
The First Name in Security

www.alphafinity.com

A Series A4131

- H.265
- EN-50155
- IR LED up to 20 Meters
- Audio Alarm
- Built-in Microphones
- WDR Pro 120dB



4MP Full HD Mini IR Dome Network Camera



Alphafinity A Series is a compact fixed dome network camera with up to 4 Megapixel resolution and the ability to output up to 30 frames per second in H.265 compression. Equipped with Smart IR LED technology, the A Series offers clear images in dark conditions. In addition, A Series are also design for transportation applications such as buses, trains, and other vehicles. With full EN50155 compliance & IP66-rated design, the camera can withstand shock, vibration, humidity, dust, and temperature fluctuations, maintaining stable and reliable video during vehicle movement to maximize passenger safety and optimize mobile surveillance.

H.265 Compression



H.265 standard brings extensive possibilities by addressing problems such as shortage of bandwidth and improving transmission efficiency.

EN-50155



Alphafinity mini IR Dome apply for secure installation in transportation applications and vibration resistant to ensure reliable video quality in any transportation environment.

WDR Pro



Applying WDR Pro ensure to get clear image quality even under backlighting and extreme lighting conditions area.

IR LED



Alphafinity mini IR dome LED distance is 20 meters. In addition, we adapt Smart IR to overcome overexposure problems and ensures object is captured at an appropriate exposure level.

Specification

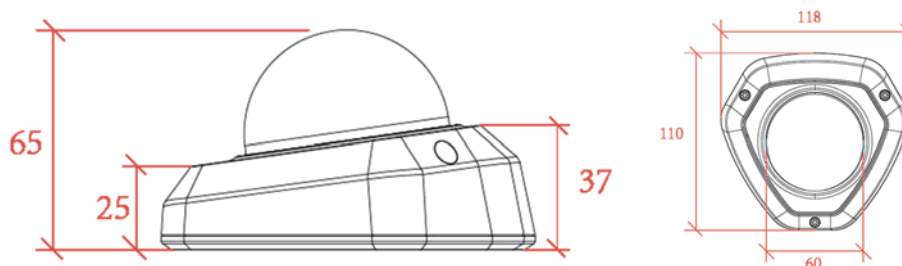
Video	
Sensor Type	1/3" Progressive Scan CMOS
Compression	H.265/H.264/ M-JPEG
Streaming	3 Streamings
Resolution	2592x1520
Max. Frame Rate	4MP (2592x1520) at 20 fps (NTSC)
Day/Night	Mechanical (ICR) Day/Night/Auto Control
Shutter Time	Range from 1/5s to 1/100,000s
Minimum Illumination	Color:0.002Lux @(F1.2, AGC ON) B/W: 0Lux with IR on
Bit Rate Control	16Kbps-16Mbps (CBR/VBR adjustable)
Lens	
Lens Type	Fixed Lens
Focal Length	f=3.6mm (Megapixel lens)
View Angle	H:75°
IR LEDs	
LED Quantity	4 Pcs
IR Distance	20 Meters
Audio	
Audio Communication	Two-way audio
Compression	G.711 / AAC
Audio In/Out	Build-in Microphone
Image Enhancement	
Image Settings	Saturation/Brightness/Contrast/Sharpness
WDR	WDR Pro 120dB
Privacy Zone	Yes; Customized zone
Image Orientation	Mirror, Flip, Corridor view
Frequency Control	50Hz, 60Hz
Date & Time Stamp	Yes
Intelligent Video & Event Management	
Intelligent Video	Anti-fog mode, Digital image Stabilisation, ROI, Motion Detection, Privacy Mask, BLC, 3D Noise Reduction
Ethernet Detection	Network Fail detection, IP Address Conflicted
Events Trigger	Motion detection, Network disconnect, etc
Event Actions	FTP upload/SMTP upload/SD card record/SIP Phone
Store Category	Alarm / Motion / Schedule recording Stores video clips and snapshots

Local Storage	
Memory Card Slot	Micro SD / Micro SDHC Card up to 64 GB
Network	
Protocol	TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、HTTPS、DNS、DDNS、DHCP、FTP、NTP、SMTP、SNMP、UPNP、SIP etc
Ethernet	1 RJ45 10M/100M Ethernet port
Interface	10Base-T / 100BaseTX
ONVIF	Profile S v2.4
Browser	IE Browser 8.0 or above, Chrome, Firefox, Safari
Security	Two-level access with password protection
I/O & Controls	
Power	PoE
Alarm In/Out	N/A
Reset	Press for rebooting system; Hold more than 5 sec loading default
Power	
Power Requirement	PoE (IEEE 802.3af, class 3)
Power Consumption	4W Max. / 6W Max. (with IR on)
Mechanical	
Dimensions	Φ118.5 x 65 mm
Weight	500g
Environmental	
Operation Temperature	-30°C ~ 60°C
Operating Humidity	0 ~ 90% RH (non-condensing)
Regulatory	
Approvals	CE, FCC, RoHS, IK10, IP66, EN50155

- * 1. Memory card not included.
2. No memory card slot & local storage function for Argentina and Ecuador

All specifications are subject to change without notice.
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Diagram



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