

# 2MP AI Advanced Dome Camera



## Alcon Sleek Full HD Starlight IR Dome Camera

The Alcon AL-5002-MPC-HD2LM Fixed Lens IP Camera with IR Illuminator provides high resolution images for round-the-clock surveillance over IP networks. It supports up to S+265 compression formats and delivers excellent picture quality in Full-HD 1920x1080p@30fps resolutions. Furthermore, the IP66- rated housing protects against dust and ensure stable operation under extreme weather conditions. IR-Cut filter and built-in IR illuminators support up to 30MTR IR distance. It supports Power-Over-Ethernet. It is an ideal solution for outdoor and indoor surveillance applications such as school, college, hospital, training center, restaurant, conference hall etc.

## Key features

- 1920x1080@30fps
- In-built Mic
- H.265+/H.265/H.264
- Minillumination Color: 0.02Lux@F2.0
- Smart IR, IR Range: 30m
- Support tripwire and perimeter
- POE & IP66
- Operating Conditions -35°-65°, 0~95% RH

## LATEST COMPRESSION H.265+ TECHNOLOGY

ALCON cameras and NVRS are coming with H.265+ can save approximate 80% bitrate than H.264 technology 100:20...80% less storage another new gen technology circuit making it extremely durable and best suitable for Industrial type installations.



## TRIPWIRE AND PERIMETER

Tripwire and Perimeter is a video analytics function that provides smart detection of events captured by a security camera that supports Tripwire and perimeter. It is a more effective way of monitoring and guarding an area of interest than simple motion detection. Alcon all camera series inbuilt tripwire and perimeter advance function.

## IN-BUILT MIC

Alcon all camera series is coming with in-built Mic Features. Most CCTV cameras OEM products are coming without this features .where as this feature will give both Audio and video recording will be added advantages for the end user instead of only video recording.

## DIGITAL NOISE REDUCTION

Digital Noise Reduction (DNR) is a method by which the cameras imager digitally removes noise from the image. 3D DNR is an advancement of this technology which enables noise to be filtered even more effectively from the image, even in low light conditions.

## HIGH LIGHT CONTROL

Alcon HLC function is designed to allow camera view vehicle license plate. HLC stands for Hight-light compensation, this technology is designed to optimize the brightness of images through using digital signal processing.

## SMART DEFOG

Alcon's Smart Defog image correction algorithm, improves the whole images visibility and clarity even in very foggy weather.

## PRIVACY MASKING

Privacy masking is a feature found in many IP cameras which is used to protect personal privacy by concealing parts of the image from view with a masked area. Examples of this use would be masking windows of domestic properties.

## Application



Hospital



School/ College



Office



Apartment



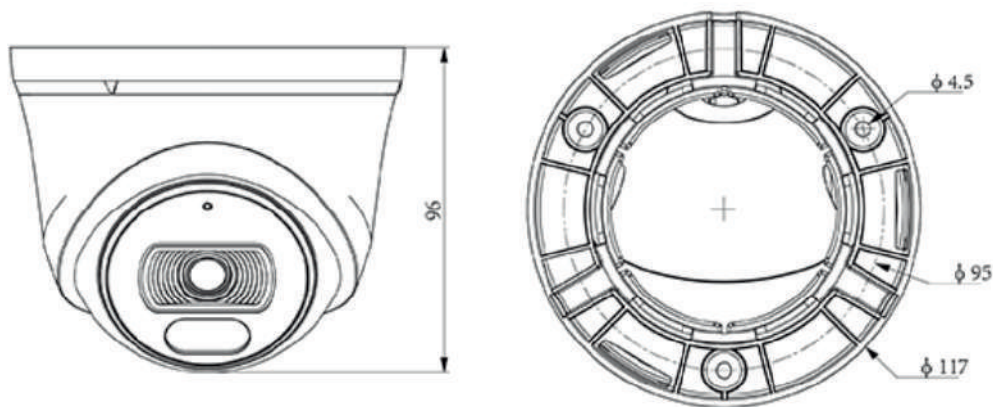
## SPECIFICATION

Camera	AL-5002-MPC-HD2LM
Image Sensor	1/2.8"CMOS
Min. Illumination	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR
Shutter Time	1s~1/100000s
Day&Night	IR-cut filter with auto switch (ICR)
Smart IR	Yes
WDR	DWDR
S/N	>39dB
Angle Adjustment	0~340°(P); 0~75°(T); 0~360°(R)
<b>Lens</b>	
Lens Type	Fixed focal lens
Focal Length	2.8mm
Lens Mount	M12
Aperture Range	F1.6
Aperture Type	Fixed
Field of View	104.9°(H); 56.5°(V); 119.2°(D)
<b>Illuminator</b>	
IR LEDs	2
IR Distance	Up to 30m
Wavelength	850nm
White LEDs	2
Whitelight Distance	15m
<b>Compression Standard</b>	
Video Compression	S+265/H.265/H.264B/H.264M/H.264H
Video Bit Rate	32k~6Mbps
Audio Compression	G.711A/G.711U/ADPCM_D
Audio Sampling Rate	8kHz/32kHz/48kHz
<b>Image</b>	
Max. Resolution	2MP,1920×1080@30fps
Main Stream	PAL:25fps(1920×1080, 1280×720, 640×480, 704×576) NTSC:30fps(1920×1080, 1280×720, 640×480, 704×480)
Sub Stream	PAL:25fps(704×576, 704×288, 640×360, 352×288) NTSC:30fps(704×480, 704×240, 640×360, 352×240)
BLC	Yes
HLC	Yes
AGC	Yes
3D DNR	Yes
White Balance	Auto/Semi-Auto/Manual/Sunshine/Nature Light/Warmlight Lamp/Daylight Lamp/Filament Lamp/Lock White Balance
ROI	8 rectangular static areas
OSD	Overlay of additional characters in 1 regions, 1 line, with a maximum of 48 characters or 16 Chinese characters per region; 16*16/32*32/48*48
Privacy Mask	4 black static areas
Defog	Yes
<b>Feature</b>	
General Alarm	Motion Detection; Mask Alarm
Exceptions Alarm	IP Address Conflict
Linkage Method	Trigger Warmlight; Trigger Capture; Alarm Output
Video Analytics	Tripwire; Perimeter
Rules of Behavior Analyse In 1 Scene	2



Network	
Protocols	HTTP; HTTPS; TCP/IP; UDP; UPnP; ICMP; DHCP; DNS; DDNS; Easy DDNS; NTP; TLS v1.2; QoS; IPv4; SSH; Unicast; FTP
System Compatibility	P2P(Mutually exclusive with Profile G); ONVIF(Profile S/T) ; SDK; CGI; Milestone; RTSP
Remote Connection	≤2
Client	Alcon Smart Surveillance
Mobile Client	Alcon View
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
Interface	
Communication Interface	1*RJ-45 (10/100 Base-T)
Built-in Mic	Yes
General	
Web Client Language	English/Spanish/Korean/Italian/Turkish/Russian/Thai/French/Polish/Dutch/Hebrew /Arabic/Vietnamese/German/Ukrainian/Portuguese/Albanian
Operating Temperature	-30 ~60 (-22 ~140 )
Operating Humidity	≤95%RH
Storage Temperature	-30 ~60 (-22 ~140 )
Storage Humidity	10%~95%RH(non-condensing)
Power Supply	DC12V±25%,Max. 6.5W; PoE:IEEE 802.3af,Max. 7W
Protection	Surge4000V; ESD6000V
Boundary Dimensions	117(L)117(W)96(H)mm
Package Dimensions	140(L)140(W)120(H)mm
GrossWeight	0.35Kg
Certification	FCC, CE, BIS & RoHS

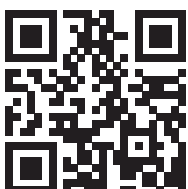
### DIMENSIONS



### ORDERING INFORMATION

AL-5002-MPC-HD2LM

2MP AI Advanced 30M Dome Camera



\*Product specifications and availability are subject to change without notice.

