

**AL-5001-MPC-HD2MVFRUDK**

# S+265 2MP SUPER STARLIGHT FR MOTORIZED BULLET CAMERA

Face Recognition, ANR, SD Card, White light LED



## OVERVIEW

### Alcon Smart Full HD Super Starlight Face Recognition Motorized IR Bullet Camera

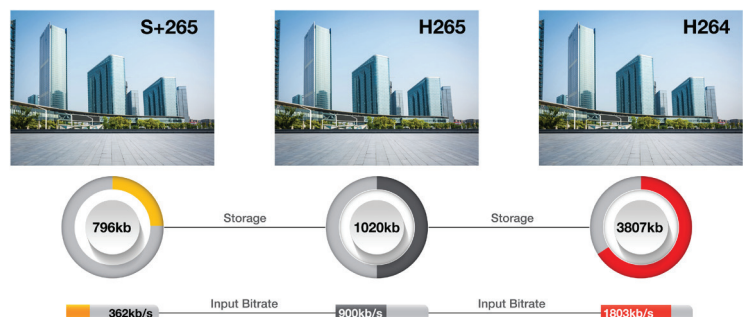
The Alcon AL-5001-MPC-HD2MVFRUDK Fixed Lens IP Camera with IR Illuminator provides high resolution colorful images for round-the-clock surveillance over IP networks. It supports up to S+265 compression formats and delivers excellent picture quality in Full-HD 1920x1080p@30fps resolutions. Furthermore, the IP67-rated housing protects against rain and dust and ensure stable operation under extreme weather conditions. The camera is coming with built in face recognition function for reliable solution. IR-Cut filter and built-in IR illuminators support upto 50MTR IR distance. It supports flexible power supply options of either Power-Over-Ethernet or adaptor power. It is an ideal solution for outdoor and indoor surveillance applications such as school, college, hospital, training center, restaurant, conference hall etc.

## FEATURES

- 1/2.8 inch CMOS sensor, Up to 1920X1080@30fps
- Min. illumination Color: 0.001Lux@F1.2
- S+265/H.265/H.264/M-JPEG, IP67, PoE
- WDR 120dB, IR Range Up to 50m
- Video Analytics, Early Warning
- Built in Mic, Alarm In/Out: 2/1
- Support ANR, Built in 128GB SD card slot
- Built in Face Recognition, 32 Face Library
- Detects up to 32 faces at the same scene
- Face recognition/face capture
- Intelligent monitoring mode
- Built In white light distance 2m~8m

## LATEST COMPRESSION S+265 TECHNOLOGY

ALCON cameras and NVRs are coming with S+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.



S+265 can save approximate 50% bitrate than H.265 technology, saves 70%-80% bandwidth compared with H.264

## SUPER WDR 120DB

Commonly used D-WDR, which is a software-based technique to enhance image by adjusting the gamma value to enhance dark areas is responsible for image deterioration (i.e. the image being washed out). Alcon sensor-based WDR technology

allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 120dB.



## HIGH LIGHT CONTROL

Alcon HLC function is designed to allow camera capture vehicle plate license. HLC stands for High-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.

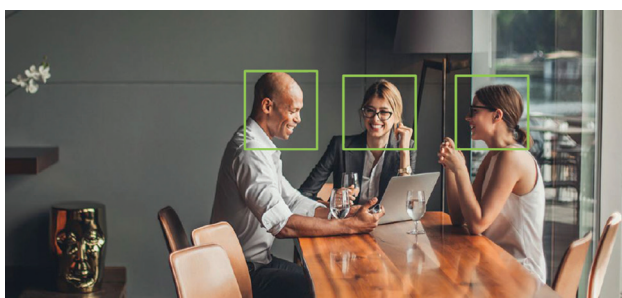


## PRIVACY MASKING

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

## DIGITAL NOISE REDUCTION

Digital Noise Reduction (DNR) is a method by which the camera's 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.



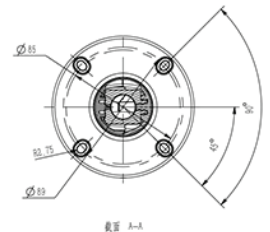
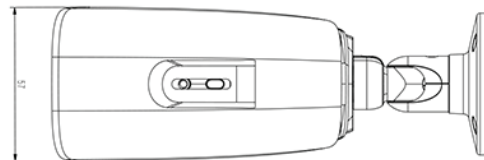
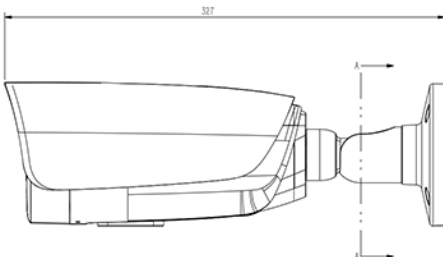
## FACE RECOGNITION

Facial recognition is a way of recognizing a human face through technology. Biometric system is preferred for people identification due to its reliability and accuracy. Face recognition is required more and more in video surveillance system. With help of AI technology, face images could be trained indifferent distance and angle and face model can be built by algorithm, which improves accuracy and speed of recognition. Based on deep-learning algorithm face recognition products in Alcon are designed for capture and recognition face in real-time. With a lot of experience in different video analytics projects, Alcon has ability to provide whole solution for our customers.

## SPECIFICATION

MODEL		AL-5001-MPC-HD2MVFRUDK
Image Sensor		1/2.8" CMOS
Signal System		PAL/NTSC
Min. Illumination		Color: 0.001Lux@ (F1.2, ACG ON), B/W: 0Lux with IR
Shutter Time		1s to 1/100,000s
Day & Night		Dual IR Cut Filter with Auto Switch
Wide Dynamic Range		120dB
LENS		
Lens Type		Motorized
Focus		2.8-12mm
Lens Mount		Ø14
Aperture		F1.3~F2.2, DC Drive
FOV		Horizontal field of view: 95.7°~35.5°
ILLUMINATOR		
IR LEDs		2
IR Range		Up to 50m
Wavelength		850nm
White LEDs		3
COMPRESSION STANDARD		
Video Compression		S+265/H.265/H.264/M-JPEG
Video Bit Rate		32 Kbps to 16 Mbps
Audio Compression		G.711A/G.711U/ADPCM_D/AAC_LC
Audio Bit Rate		8K~48Kbps
IMAGE		
Max. Resolution		1920×1080
Main Stream		PAL: 25fps (1920×1080, 1280×960, 1280×720, 704×576, 640×480)
		NTSC: 30fps (1920×1080, 1280×960, 1280×720, 704×480, 640×480)
Sub Stream		PAL: 25fps (704×576, 704×288, 640×360, 352×288)
		NTSC: 30fps (704×480, 704×240, 640×360, 352×240)
Third Stream		4CIF
Image Setting		Saturation, brightness, contrast, sharpness, adjustable by client software or web browser
Image Enhancement		BLC/3D DNR/HLC/Corridor Format
ROI		Support 7 fixed region of coding
OSD		16×16, 24×24, 32×32, 48×48, 64×64, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions
Picture Overlay		Yes
Private Mask		Yes
Smart Defog		Yes

## DIMENSIONS



## ORDERING INFORMATION

AL-5001-MPC-HD2MVFRUDK

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



FEATURE		
Alarm Trigger		Event Input, Event Output, Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception
Video Analytics		Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, On Duty Detection, Video Abnormal, Audio Abnormal
Early Warning(EW)		Yes
Intelligent Coding		N/A
Intelligent Image		N/A
Intelligent Alarm		N/A
FACE DETECTION AND ANALYTICS		
Operating Mode		Face recognition, face capture, intelligent monitoring optional, default face recognition
Face Detection Performance		Detects up to 32 faces at the same scene
Face Exposure Brightness		Default 35, 1-100 brightness optional
Min. Face Pixel		Default 80, 19-1920 optional
Face Recognition		Yes
Face Library		32
Face Pictures		5000
Face Library Management		Retrieve, import, export
Face Recognition Alert		Comparison Alarm, stranger alarm
Precautionary Alert		Three Level
NETWORK		
ANR		Yes
Protocols		TOP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, MULTICAST, UPnP, FTP, IPV4, NTP, RTSP, SMTP, IGMP, QoS, PPPoE
System Compatibility		ONVIF (PROFILE S), SDK, CGI, P2P
Remote Connection		≤7
Client		Alcon Smart Surveillance, EasyLive
Web Version		Web6
INTERFACE		
Communication Interface		1 RJ45 10M/100M self adaptive Ethernet port
Audio		1/1, Mic in
Alarm		2/1
Reset Button		Yes
On-board storage		Built-in MicroSD card slot, up to 128 GB
GENERAL		
Firmware Version		NVSS_V20.0.1.20190313_SP1
Web Client Language		English, Simple Chinese
Operating Conditions		-35°C~65°C, 0~95% RH
Power Supply		DC12V±20%/PoE
Power Consumption		MAX: 9W(12V) MAX: 10W(POE)
Protection		IP67
Heater		N/A
Dimensions		330×114×107 mm (12.99*4.49*4.21 inch)
Weight		1.5kg (3.31lb)
Certification		CE & FCC