

AL-5002-MPC-HD2LRFRDK

S+265 2MP STARLIGHT FACE RECOGNITION TURRET CAMERA (6MM)

Face Recognition, Intelligent monitoring mode, White light LED



OVERVIEW

Alcon Sleek Full HD Starlight Face Recognition IR Turret Camera

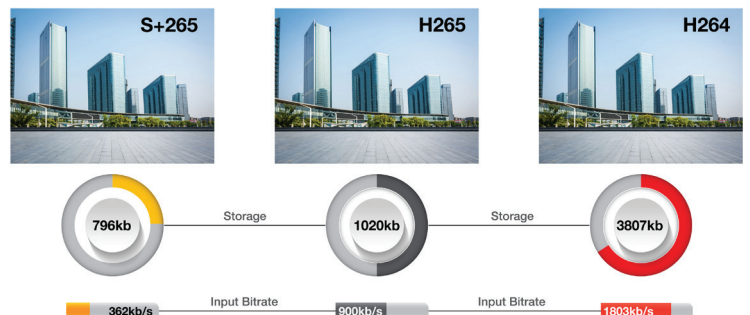
The Alcon AL-5002-MPC-HD2LRFRDK Fixed Lens IP Camera with IR Illuminator provides high resolution images for round-the-clock surveillance over IP networks. It supports up to S+265 compression formats and delivers excellent picture quality in Full-HD 1920x1080p@30fps resolutions. Furthermore, the IP67-rated 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. 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: 0.005Lux@F1.6
- S+265/H.265/H.264/M-JPEG
- WDR 120dB, Video analytics
- Built In Mic, Alarm In/Out: 2/1
- Support video analytics, IP66, PoE
- Up to 32 faces at the same scene
- Face recognition/Face Recognition
- Intelligent monitoring mode
- Built in White light distance 3m~5m

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 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.

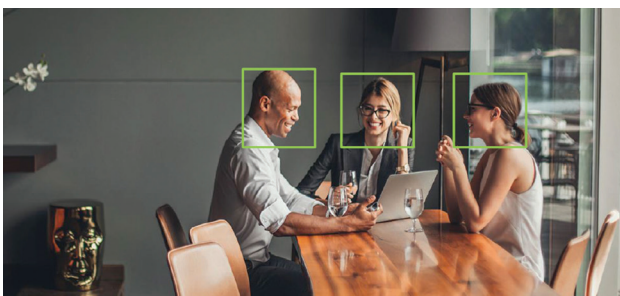


PRIVACY MASKING

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

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-5002-MPC-HD2LRFRDK
Image Sensor	1/2.8" CMOS
Signal System	PAL/NTSC
Min. Illumination	Color: 0.005Lux@ (F1.6, ACG ON)
Shutter Time	1s to 1/100,000s
Day & Night	Dual IR Cut Filter with Auto Switch
Wide Dynamic Range	120dB
LENS	
Lens Type	Fixed
Focus	6mm
Lens Mount	M12
Aperture	F1.6, Fixed
FOV	Horizontal field of view: 53°
ILLUMINATOR	
IR LEDs	N/A
IR Range	N/A
Wavelength	N/A
White LEDs	1
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 ROI	BLC/3D DNR/HLC/Corridor Format 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

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
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	N/A
NETWORK	
ANR	N/A
Protocols	TCP/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
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: 5.5W(12V) MAX: 6.5W(POE)
Protection	IP66
Heater	N/A
Dimensions	Ø132×103 mm (Ø5.2*4.06 inch)
Weight	0.65kg (1.43lb)
Certification	CE & FCC

DIMENSIONS



ORDERING INFORMATION

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

