



COMPANY INTRODUCTION

V.4/2020



C O N T E N T S

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Alcon
Introduction

2

Alcon
**Products and
Solutions**

3

Alcon
Advantages

1

Alcon Introduction



Manufacturing Facility

World No.3
IP Surveillance Factory

10
Years



**IP Surveillance
Experience**

18
Nos



Distributors

300
Nos



**System
Integrators**



Alcon cover all over India

ALCON Cover:

Middle east, Nepal and Bhutan

ALCON TM
BE SMART, BE SECURE

ALCON PRODUCTS & SOLUTIONS





Lite Series



Project Series



PTZ Series



NVR Series

ALCON FULL RANGE OF PRODUCTS & SOLUTIONS



PoE Switches



Accessories



VMS/APP



VCA Inbuilt

**Shopping
Center and
Retails** ➤



**Building and
Enterprise** ➤



APPLICATION SENARIO

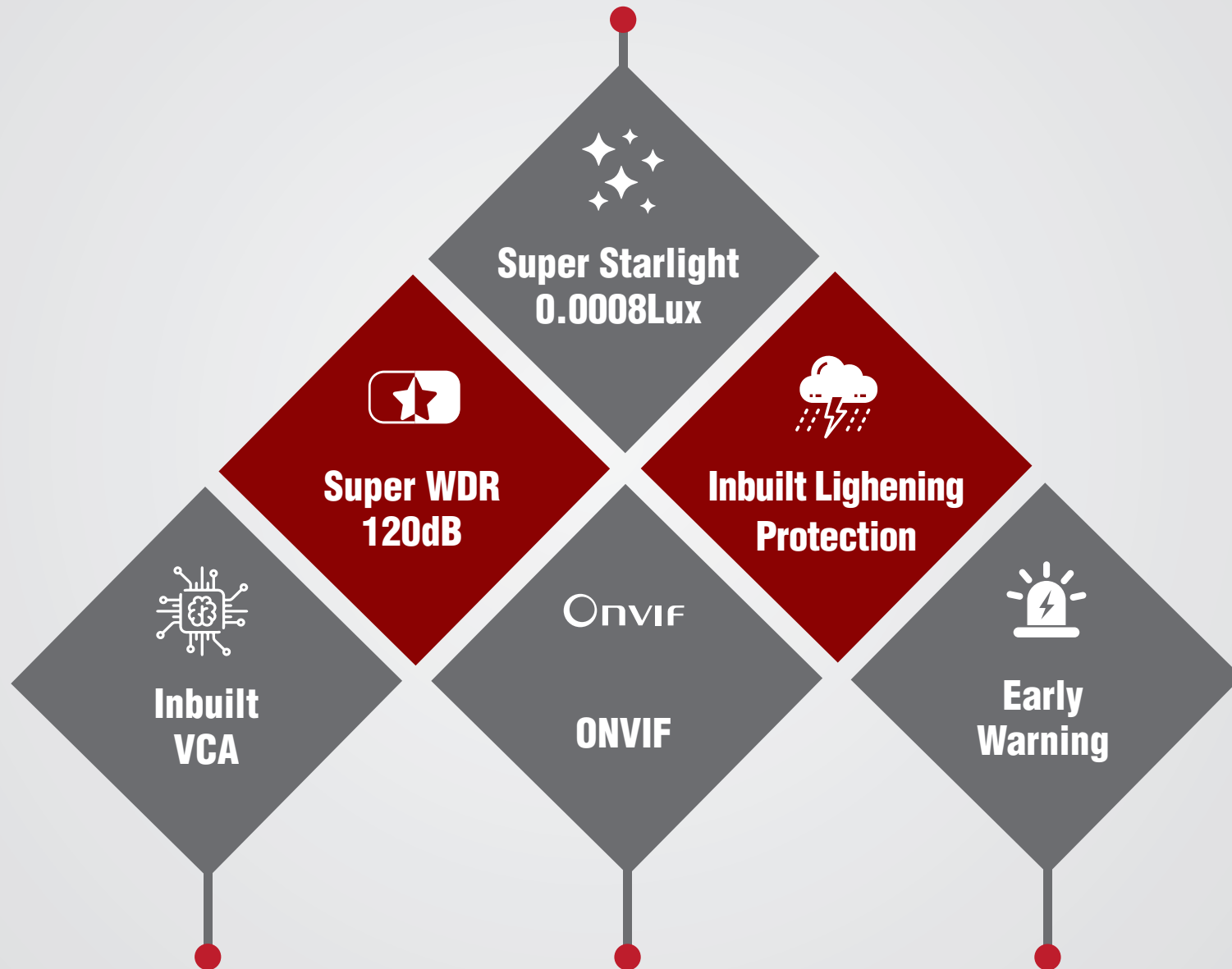
**City
Surveillnace** ➤



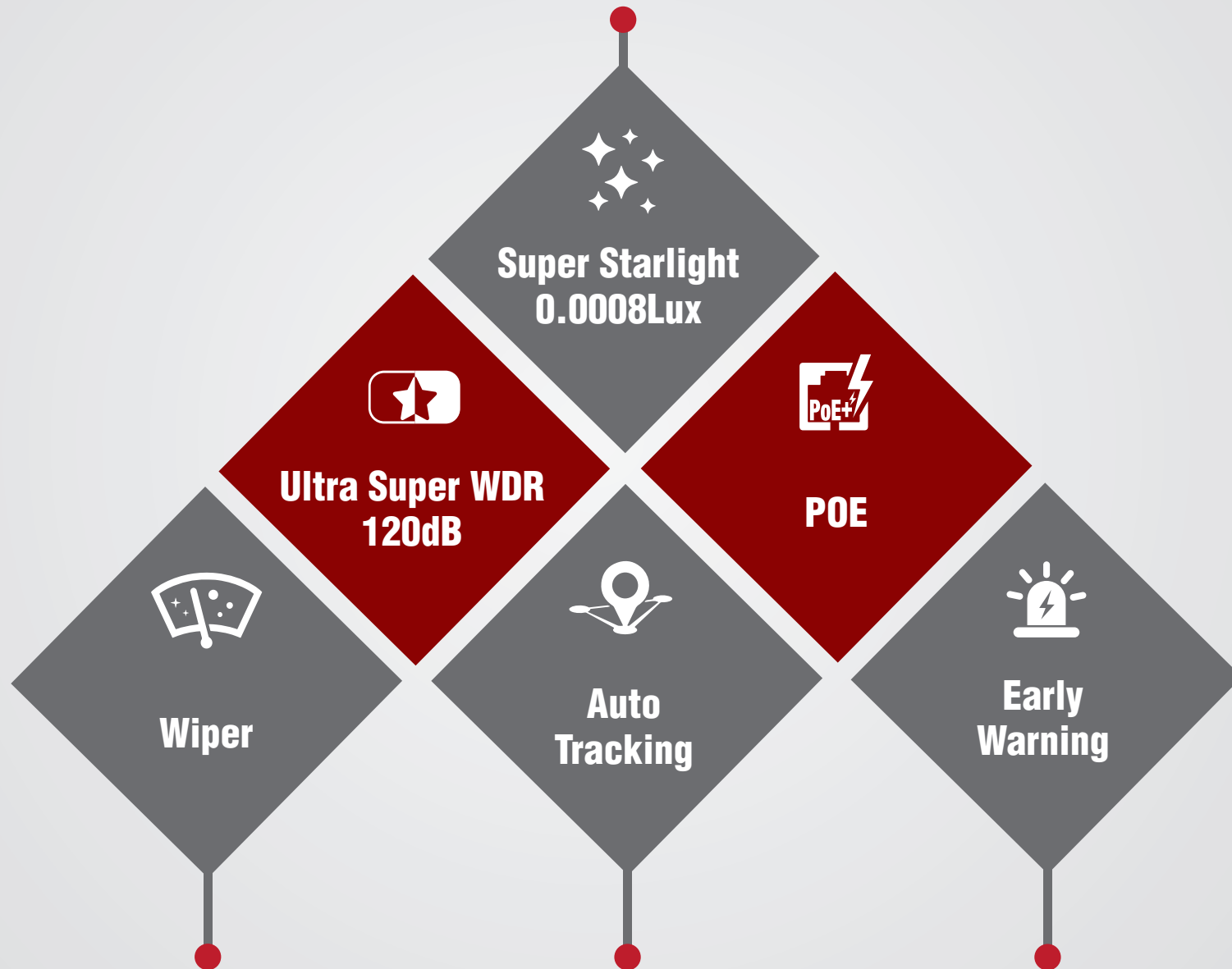
**Industries
& Mines** ➤



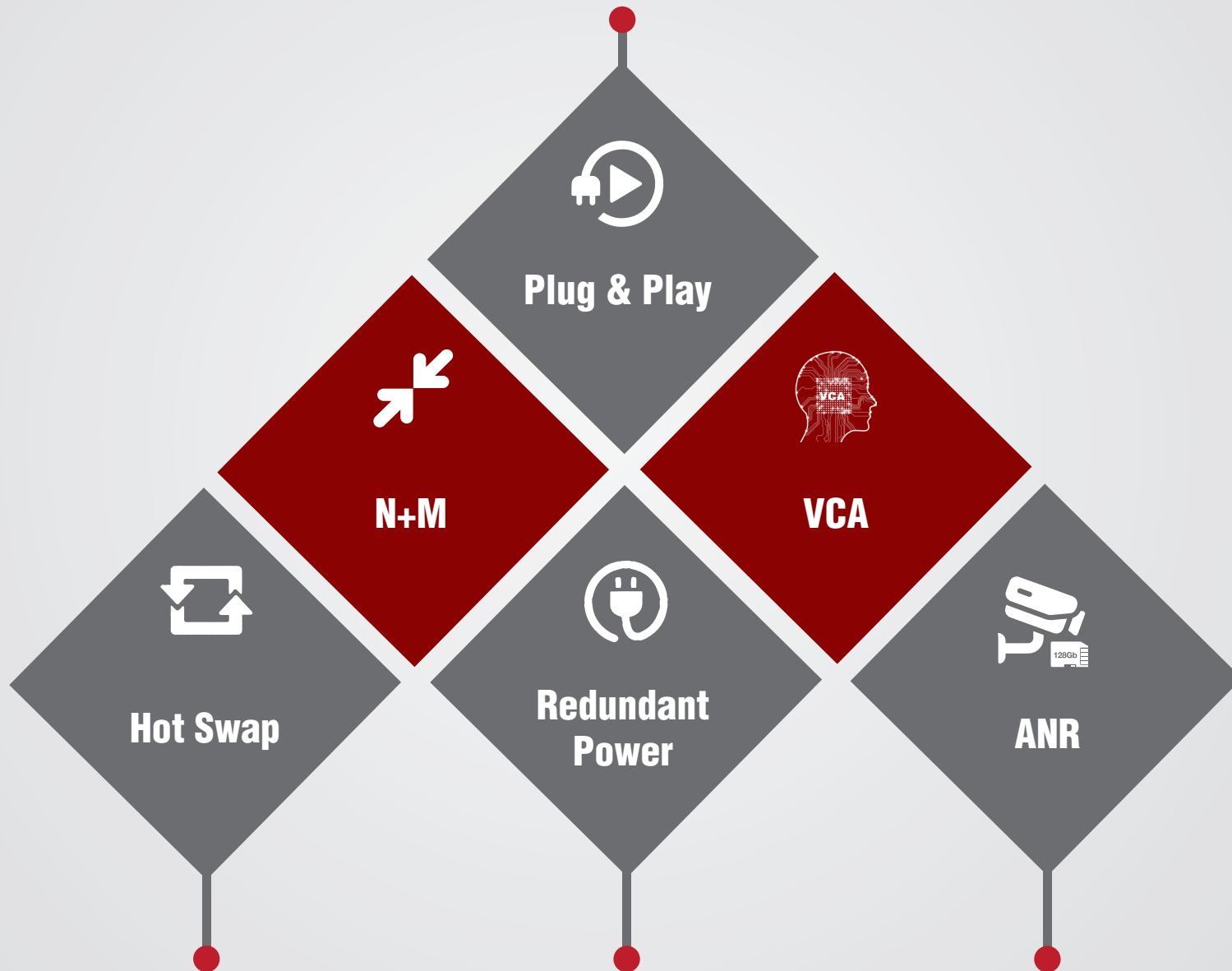
ADVANCE FEATURES OF **IP CAMERA**



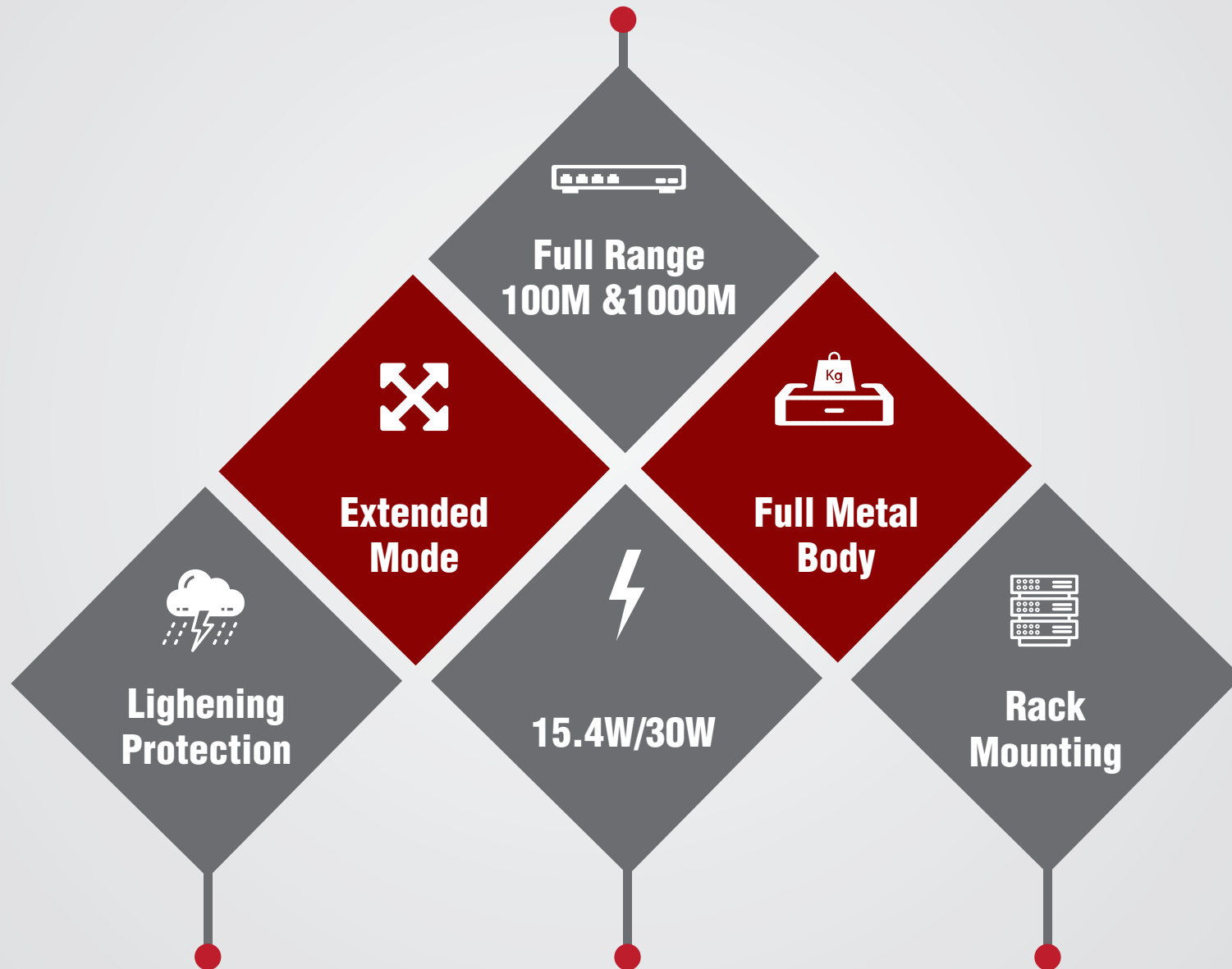
ADVANCE FEATURES OF **IP CAMERA**



ADVANCE FEATURES OF **NVR**



ADVANCE FEATURES OF **POE SWITCHES**



PRODUCTION PROCESSING



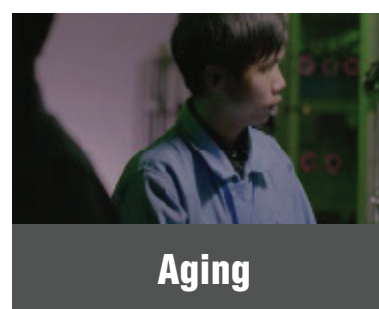
Quality Target



Product Pass Rate > 99%

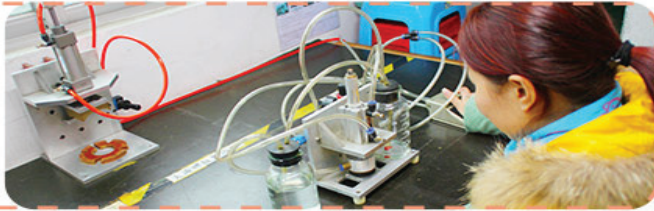


Prompt Delivery Rate > 95%

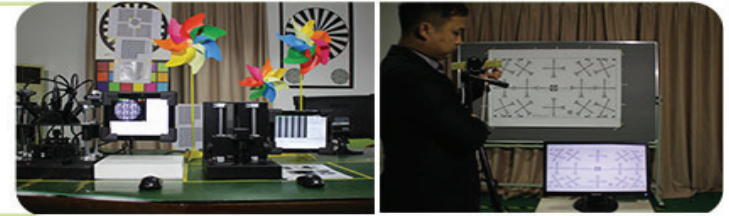


QUALITY CONTROL

GLasses Test



MTF Lens Test



Colour Temperature Test



UV Glue Solidifying Mechanically



High/Low Temperature Test



Vacuum Waterproof Test



Aging Test



Vibration Test



CERTIFICATIONS



(CE, FCC, LVD, ISO 9001, BIS & 14001 AND IP66)



EXPO & ROAD SHOW

ALCONTM
BE SMART, BE SECURE



TECHNOLOGY HIGHLIGHTS



Early Warning

Auto-tracking
Early Warning



Super Starlight

Color:
0.0008Lux



S+265 Compression

Codec Save
50% Storage



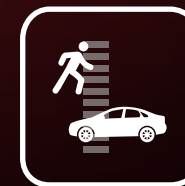
Plugin Free

No
ActiveX



Face Recognition

High Accurace
Full Solution



People Vehicles Separation

Less False Alarm

TECHNOLOGY HIGHLIGHTS



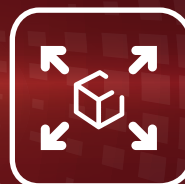
Face Capture

High Capture Rate



Turbo AI

AI Popularizer



TVP

Transcendent Video Processing



Color Maker

24 hours Full Color



Panoramic

180° / 360°
Panoramic Camera
PTZ Camera



VMS

All in One

STARLIGHT TECHNOLOGY

ALCON starlight 0.0008Lux (DARK KNIGHT) series is most advance product with low light scenario with Cristal clear and color picture on Night. ALCON starlight 0.0008Lux (DARK KNIGHT) series is most advance product with low light scenario with Cristal clear and color picture on Night.

Normal mode ON



Starlight (0.002Lux) mode ON

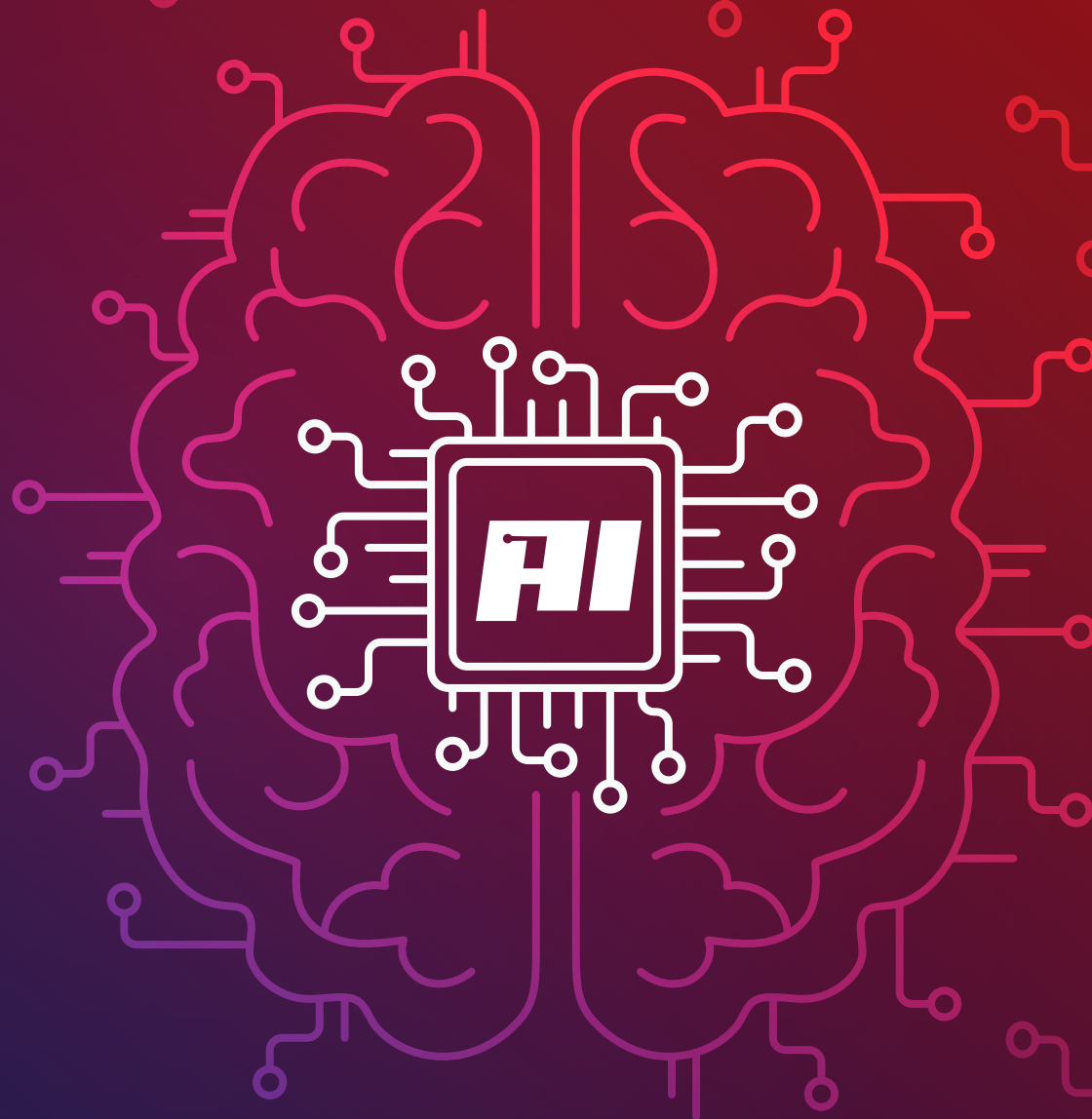


Super Starlight (0.0004Lux) mode ON



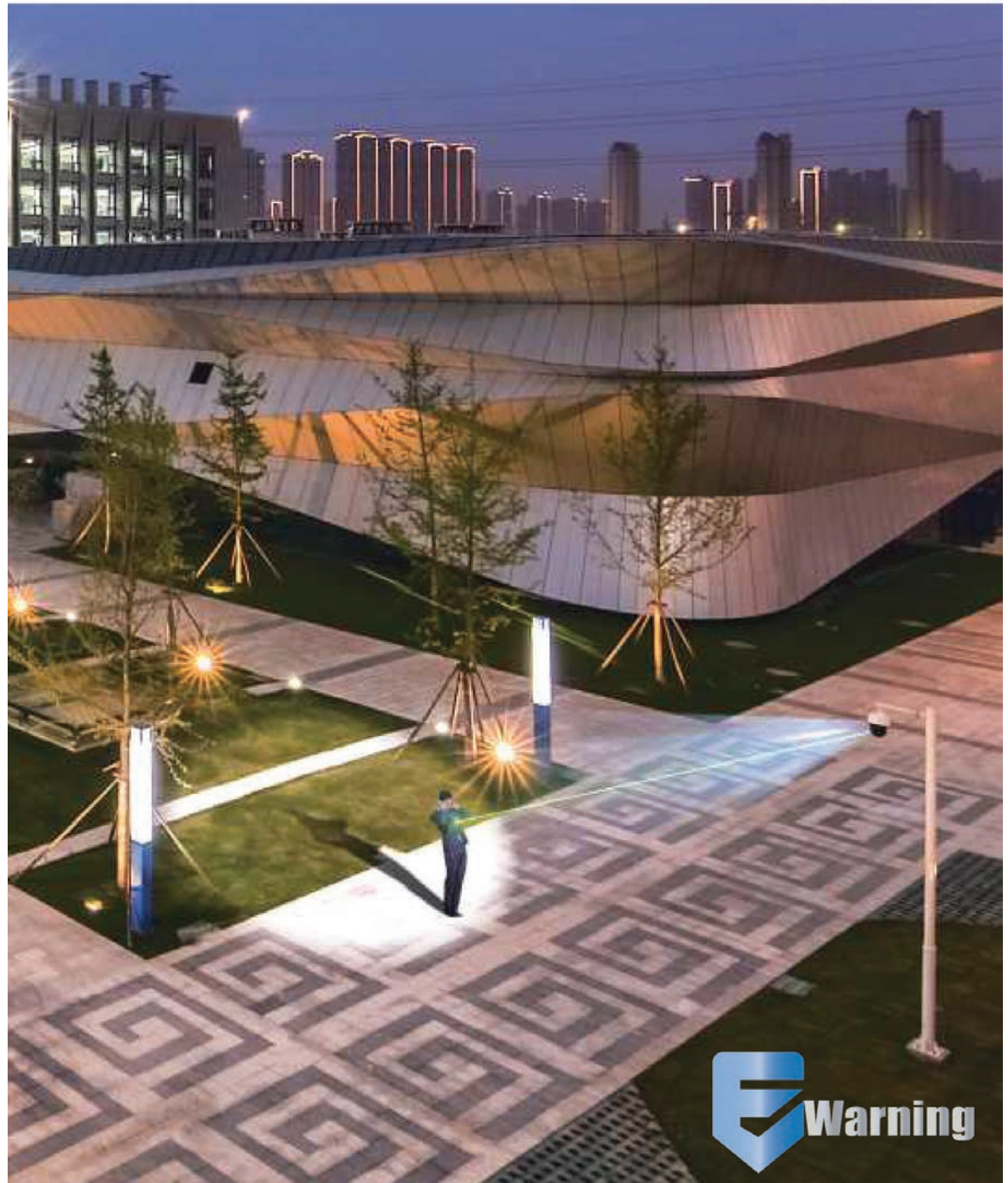
ARTIFICIAL INTELLIGENCE

Alcon VCA with 18 detection modes provides advanced, accurate smart video analysis for Alcon Premium series network Cameras and NVRs, enabling the comprehensive surveillance function and quicker response to different monitoring scenes.



EARLY WARNING

Based on Aldeep Learning, Ewarning is the combination of light warning and audio warning, achieving the effect of prevention, mid-way intervention and post-event investigation. It can precisely differentiate vehicle from people, and warn people or vehicle respectively, thus increasing the accuracy and availability of warning compared with traditional OpenCV.



FEVER DETECTION

- Vanadium Oxide Uncooled Focal Plane Arrays
- Thermal Resolution 256×192
- output resolution up to 1280×960@25fps
- Measure Accuracy $\pm 0.5^{\circ}\text{C}$, ($\pm 0.3^{\circ}\text{C}$ with blackbody)
- Optical Resolution up to 2560×1440@25fps
- Optical Min. illumination Color: 0.0002Lux@F1.0
- Face Mask detection & Face capture
- Early Warning, POE, IP67
- Face Mask & high temperature warning
- Built-in Mic, Speaker & White light LED
- Super WDR 120dB, Support ANR
- Built-in MicroSD card slot, up to 256 GB



**Fever
Detection**



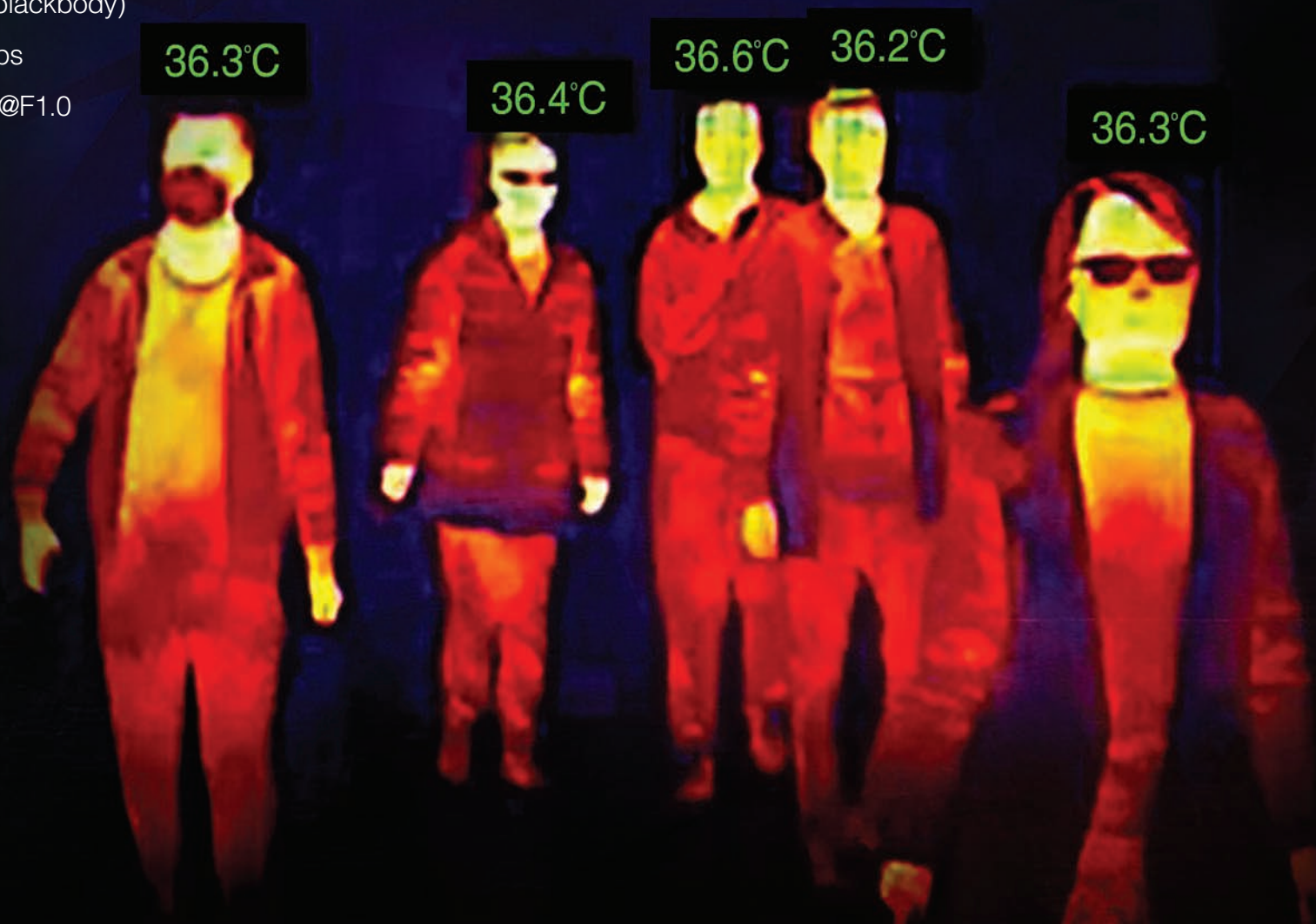
**Mask
Detection**



**Access
Control**



**Contact
Less**

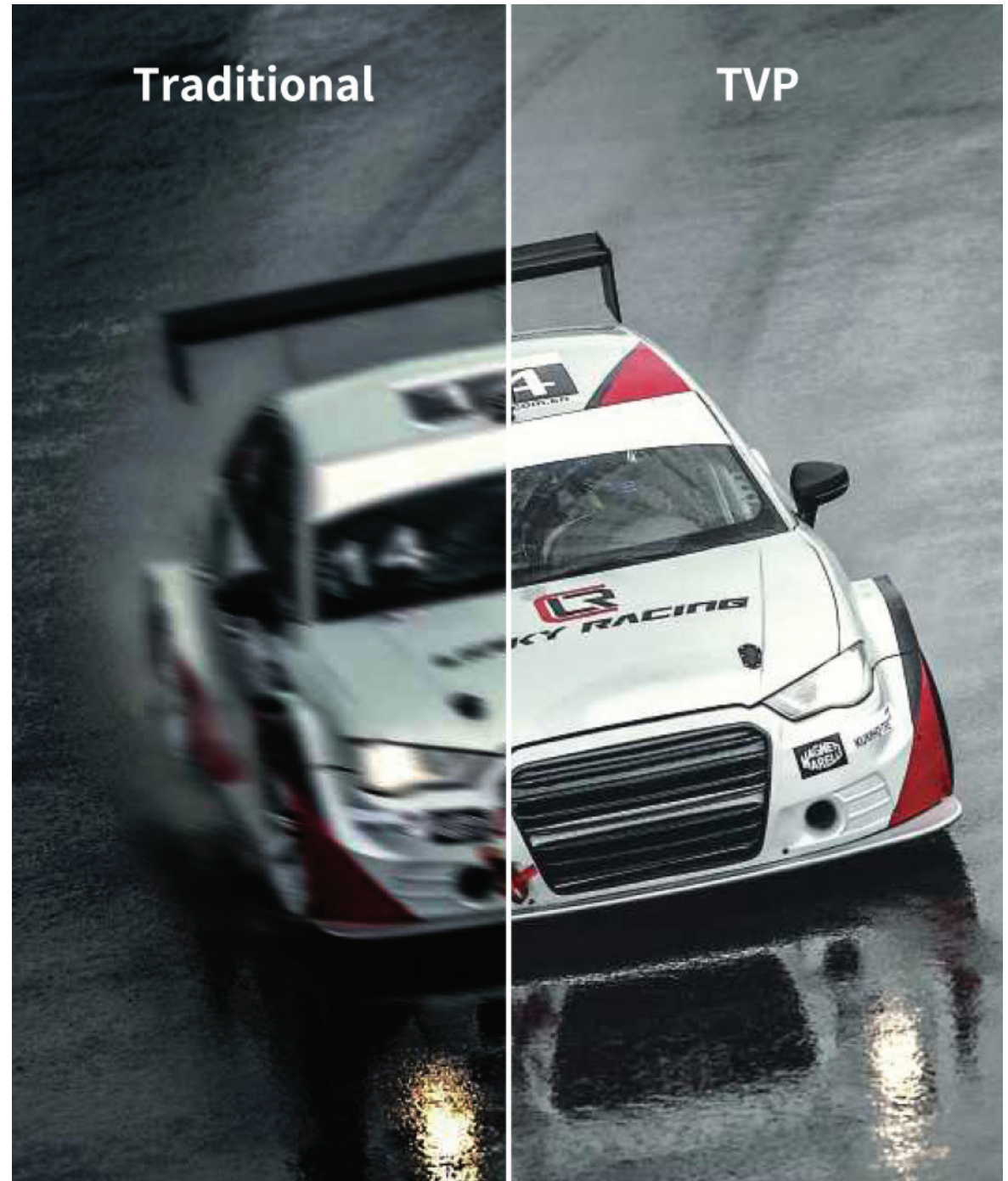


TVP

Transcendent Video Processing algorithm uses low-light enhancement algorithm to not only allow more light to enter the camera in low illumination scenes, reduce noise, improve overall picture brightness, but also weaken excessive bright light, and avoid over-exposure of single pixel. So cameras can be adapted to more occasions like traffic road or entrance and exit.

TVP SUPER STARLIGHT

- Sensitivity 85%↑
- SNR 25%↑
- No Trailed image of moving object



ALCON-K2000 SERVER UPTO **2000CH**

- 4U/24 HDD, Hot Swap, IP SAN, Management
- Decode, Forward, 2000ch Management
- 2 Screen 16ch Decode Output
- 1080P 160ch Decode Output up to 20 Screen*
- Linux Embedded Operating System
- IPC, Streaming Media, NVR, Decoder Access
- 512M Record bandwidth & 384M Forwarder Bandwidth
- Onvif*, Active Mode & Private Protocol
- RAID0, 1, 5, 6, 10, 50 & 60, Control & Monitoring The HDD
- RAID In The GUI Interface, AEW, Alarm linkage, NTP
- Face Recognition & Face Counting With IPC





PANORAMIC LASER PTZ

Highlights

- 180°/360° Panoramic View
- Auto-tracking Early Warning
- Laser: 800m Night Vision
- 44x ultra optic zoom
- Gyroscope, Stabilization



Long Distance 500m

Auto-tracking Early Warning





COLOR M A K E R



COLOR MAKER

Combined with large aperture and large sensor, Alcon Color Maker technology enable camera to obtain large amount of light in low light environment. Even at totally dark nights, cameras equipped with Color Maker technology can capture vivid color image and find more details in scenes with the help of warm lights illumination. Color Maker technology make it possible for camera to achieve the goal of full-time full-color.



Over Speed

75
Kmph

**Vehicle
Detected**

IND-123-34

**ANPR WITH OVER
SPEED DETECTION SOLUTION**



ALCON ENTERPRISE INTELLIGENT FACIAL RECOGNITION SOLUTION

Alcon **FACIAL RECOGNITION** system can Catch Not Recognized Face in shopping mall and auto alarm generate





OUR SATISFIED **CUSTOMER**





OUR SATISFIED **CUSTOMER**



University of Calcutta





THANK YOU