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DATA SHEETS

**May 2020 Edition** 

In Partnership with KEDACOM



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# IPC2655-Gi4N

# Human Recognitive HD Network Varifocal IR Bullet Camera















## **Features**

**Excellent Image Quality** 

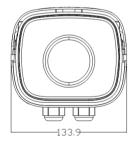
6.0 Megapixel 1/1.8" progressive scan CMOS sensor High definition and smooth picture, 3072 x 2048@30fps WDR / HLC / 3D noise reduction

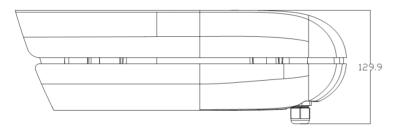
### **Recognitive Functions**

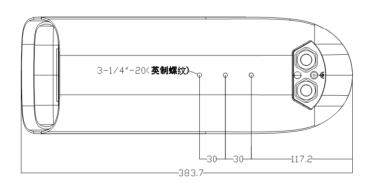
Up to 18 targets simultaneously
Target capturing and characters recognizing
Bi-directional people counting
Built-in picture comparison algorithm, best picture selection
Face Intelligence Exposure

#### **Abundant Functions and Features**

Micro SD card slot, supports Automatic Network Replenishment (ANR) Bi-directional audio / alarm in and out / RS485  $40^{\circ}$ C ~  $60^{\circ}$ C operation temperature IP66







Specifications	
IPC2655-Gi4N Camera	
Image Sensor	1/1.8" Progressive scan CMOS
Pixels	6.0 Megapixel
Min. Illumination	Color: 0.01Lux @ (F1.4, AGC ON)
	B/W: 0.001Lux @ (F1.4, AGC ON)
Shutter Speed	1/7.5 ~ 1/16,000s
Day / Night	Auto (ICR) / Color / B/W
Wide Dynamic Range	Digital WDR
S/N Ratio	52dB
White Balance	Auto / Manual
Gain Control	Auto / Manual
Backlight	Off / WDR / BLC / HLC
Lens Auto Iris	DC drive
Focal Length	15 ~ 50mm @ F1.4 motorized varifocal lens
Focus Control	Manual / Semi-Automatic / Auto
Night View	Mandai / Gerni-Automatic / Auto
IR Distance	100m
IR Intensity	Smart IR
Video	
Compression	H.265 / H.264 / MJPEG
Image Resolution	Main stream: 3072 x 2048
	Secondary stream: D1
Frame Rate	Main stream: 3072 x 2048@30fps
Bitrate	Secondary stream: D1@30fps 32kbps ~ 16Mbps
Bitrate Control	VBR / CBR
Multi-stream	Supported
Caption	Date and time / Alarm / Direction / Customized
Privacy Masking	Up to 4 zones
Motion Detection	Up to 4 zones
ROI	Supported
Digital Noise Reduction	3D noise reduction
Image Flip	Flip / Mirror / Rotation 90°, 180°, 270°
Audio	
Compression	G.711a / G.711u / ADPCM / G.722 / AAC-LC / G.722.1c
Bitrate	32kbps ~ 64kbps
Audio Function	Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute
Network Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP,
Network Protocols	VSIP, UPnP, 802.1x, NAT, QoS, SMTP, IPv4, IPv6 (optional)
User Interface	IPC Control (IE, Firefox, Chrome)
Max. User Access	Max. 10 Users (includes 2 internal)
Application	ONVIF (Profile S, Profile G), GB/T 28181 2011, API, CGI
Programming	Commonted.
Automatic Network Replenishment (ANR)	Supported
Recognitive Functions	
	2
Target Detection	Person, Face up to 18 targets simultaneously
	Person, Face up to 18 targets simultaneously Person, Face, Full view
Target Detection	Person, Face up to 18 targets simultaneously
Target Detection Captured Picture	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection
Target Detection Captured Picture Target Characters	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection Direction / Speed level
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice /
Target Detection Captured Picture  Target Characters People Counting Face Enhancement  Alarm  Alarm Triggers  Alarm Events	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface
Target Detection Captured Picture  Target Characters People Counting Face Enhancement  Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface  2 x Line in / 1 x Line out
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface  2 x Line in / 1 x Line out  1 x RS485
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface  2 x Line in / 1 x Line out
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface  2 x Line in / 1 x Line out  1 x RS485  2 x Input / 1 x Output
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection Direction / Speed level Bi-directional Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 2 x Line in / 1 x Line out 1 x RS485 2 x Input / 1 x Output Micro SD card slot, supports up to 128GB
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection Direction / Speed level Bi-directional Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 2 x Line in / 1 x Line out 1 x RS485 2 x Input / 1 x Output Micro SD card slot, supports up to 128GB
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental Operating Temperature	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 2 x Line in / 1 x Line out 1 x RS485 2 x Input / 1 x Output  Micro SD card slot, supports up to 128GB
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 2 x Line in / 1 x Line out 1 x RS485 2 x Input / 1 x Output  Micro SD card slot, supports up to 128GB  -40°C ~ 60°C / -40°F ~ 140°F 10% ~ 95%
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical Power	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 2 x Line in / 1 x Line out 1 x RS485 2 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 60°C / -40°F ~ 140°F 10% ~ 95% IP66  AC 24V ± 10%
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical Power Power Consumption	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection Direction / Speed level Bi-directional Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 2 x Line in / 1 x Line out 1 x RS485 2 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 60°C / -40°F ~ 140°F 10% ~ 95% IP66
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical Power Power Consumption Mechanical	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection Direction / Speed level Bi-directional Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 2 x Line in / 1 x Line out 1 x RS485 2 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 60°C / -40°F ~ 140°F 10% ~ 95% IP66  AC 24V ± 10% Max. 25W
Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical Power Power Consumption	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 2 x Line in / 1 x Line out 1 x RS485 2 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 60°C / -40°F ~ 140°F 10% ~ 95% IP66  AC 24V ± 10%

# IPC2255-Gi4N

# Human Recognitive HD Network Varifocal IR Bullet Camera















## **Features**

**Excellent Image Quality** 

2.0 Megapixel 1/1.9" progressive scan CMOS sensor High definition and smooth picture, 1080p@30fps Ultra low illumination, 0.001lux with color picture WDR / HLC / 3D noise reduction

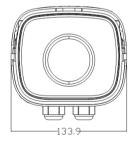
### **Recognitive Functions**

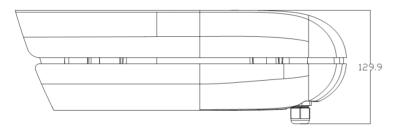
Up to 18 targets simultaneously Target capturing and characters recognizing Bi-directional people counting Built-in picture comparison algorithm, best picture selection Face Intelligence Exposure

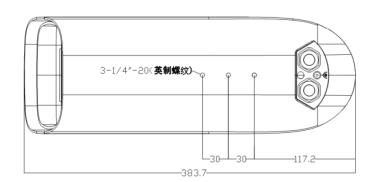
#### **Abundant Functions and Features**

Micro SD card slot, supports Automatic Network Replenishment (ANR) Bi-directional audio / alarm in and out / RS485 40°C ~ 60°C operation temperature IP66

Dimensions......Units:mm







Specifications	
IPC2255-Gi4N	
Camera	1/1 0" Progressive seen CMOS
Image Sensor Pixels	1/1.9" Progressive scan CMOS  2.0 Megapixel
Min. Illumination	Color: 0.001Lux @ (F1.4, AGC ON)
Willia illumination	B/W: 0.0001Lux @ (F1.4, AGC ON)
Shutter Speed	1/7.5 ~ 1/16,000s
Day / Night	Auto (ICR) / Color / B/W
Wide Dynamic Range	Digital WDR
S/N Ratio	52dB
White Balance	Auto / Manual
Gain Control	Auto / Manual
Backlight	Off / WDR / BLC / HLC
Lens	
Auto Iris	DC drive
Focal Length	15 ~ 50mm @ F1.4 motorized varifocal lens
Focus Control	Manual / Semi-Automatic / Auto
Night View IR Distance	100m
	Smart IR
IR Intensity Video	Sillart ik
Compression	H.265 / H.264 / MJPEG
Image Resolution	Main stream: 1080p
ago i tosolation	Secondary stream: D1
Frame Rate	Main stream: 1080p@30fps
	Secondary stream: D1@30fps
Bitrate	32kbps ~ 16Mbps
Bitrate Control	VBR / CBR
Multi-stream	Supported
Caption	Date and time / Alarm / Direction / Customized
Privacy Masking	Up to 4 zones
Motion Detection	Up to 4 zones
ROI	Supported
Digital Noise Reduction	
Image Flip	Flip / Mirror / Rotation 90°, 180°, 270°
Audio	O 744- / O 744- / ADDOM / O 700 / AAO   O / O 700 4-
Compression Bitrate	G.711a / G.711u / ADPCM / G.722 / AAC-LC / G.722.1c
Audio Function	32kbps ~ 64kbps Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute
Network	Bi-directional addio / AEC / Mixed addio recording / Dumb / Mute
Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP,
	VSIP, UPnP, 802.1x, NAT, QoS, SMTP, IPv4, IPv6 (optional)
User Interface	IPC Control (IE, Firefox, Chrome)
Max. User Access	Max. 10 Users (includes 2 internal)
Application	ONVIF (Profile S, Profile G), GB/T 28181 2011, API, CGI
Programming Automatic Network	Supported
Replenishment (ANR)	Supported
Recognitive Functions	
Target Detection	Person, Face up to 18 targets simultaneously
Captured Picture	Person, Face, Full view
Captarea Flotare	Built-in picture comparison algorithm, best picture selection
Target Characters	Direction / Speed level
People Counting	Bi-directional
Face Enhancement	Face Intelligence Exposure
Alarm	
Alarm Triggers	Alarm input / Network disconnect / Disk full / Disk error
Alarm Events	Alarm report / Recording / Text overlay / Snapshot / External output / Email notice /
	Acoustic alarm
Interface	
Ethernet	10/100M, RJ45 interface
Audio In / Out	2 x Line in / 1 x Line out
	1 x RS485
Control	
Alarm In / Out	2 x Input / 1 x Output
Alarm In / Out Memory Slot	
Alarm In / Out Memory Slot Environmental	2 x Input / 1 x Output Micro SD card slot, supports up to 128GB
Alarm In / Out Memory Slot Environmental Operating Temperature	2 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 60°C / -40°F ~ 140°F
Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity	2 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 60°C / -40°F ~ 140°F  10% ~ 95%
Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level	2 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 60°C / -40°F ~ 140°F
Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical	2 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 60°C / -40°F ~ 140°F  10% ~ 95% IP66
Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical Power	2 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 60°C / -40°F ~ 140°F  10% ~ 95% IP66  AC 24V ± 10%
Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical Power Power Consumption	2 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 60°C / -40°F ~ 140°F  10% ~ 95% IP66
Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical Power Power Consumption Mechanical	2 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 60°C / -40°F ~ 140°F  10% ~ 95% IP66  AC 24V ± 10% Max. 25W
Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical Power Power Consumption	2 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 60°C / -40°F ~ 140°F  10% ~ 95% IP66  AC 24V ± 10%

# IPC2252-Gi4N-SIR50-Z7022

# Human Recognitive HD Network Varifocal IR Bullet Camera















### **Features**

**Excellent Image Quality** 

2.0 Megapixel 1/2.8" progressive scan CMOS sensor High definition and smooth picture, 1080p@30fps H.265 video codec, saves up to 50% bandwidth and storage Ultra low illumination, 0.002lux with color picture WDR support / 3D noise reduction / Auto Iris / HLC

#### **Recognitive Functions**

Up to 18 targets simultaneously
Target capturing and characters recognizing
Bi-directional people counting
Built-in picture comparison algorithm, best picture selection
Face Intelligence Exposure

#### Integrated High Efficiency IR

Industrial IR LED with long operational lifespan 30 ~ 50m IR distance Smart IR function

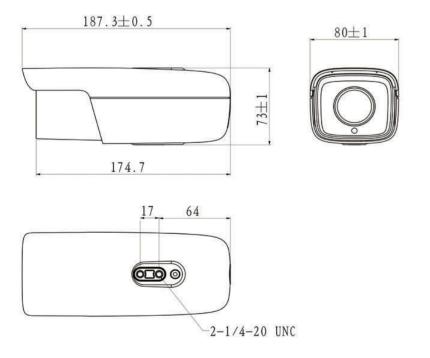
## A Variety of Installation Modes

Varifocal AF lens

## Abundant Functions and Features

Micro SD card slot, supports Automatic Network Replenishment (ANR) Bi-directional audio / alarm in and out / RS485 Up to 3 Multi-stream PoE

Dimensions......Units:mn



IPC2252-Gi4N-SIR50-Z	7022
Camera	
Image Sensor	1/2.8" Progressive scan CMOS
Pixels	2.0 Megapixel
Min. Illumination	Color: 0.002lux @ (F1.2, AGC ON)
	B/W: 0.0002lux @ (F1.2, AGC ON);
Shutter Speed	1 ~ 1/30,000s
Day / Night	Auto (ICR) / Color / B/W
Wide Dynamic Range	Digital WDR
S/N Ratio	>52dB
White Balance	Auto / Manual
Gain Control	Auto / Manual
Backlight	Off / WDR / BLC / HLC
Lens	
Mount Type	Φ14
Auto Iris	DC drive
Focal Length	Z7022: 7~22mm @ F1.4 motorized varifocal lens
Focus Control	Manual / Semi-Automatic / Auto
Night View	Warrant / Com / Acomatio / / Acto
IR Distance	30 ~ 50m
	Smart IR
IR Intensity Video	SHIALL IN
	H.265 / H.264 / MJPEG
Compression	
Image Resolution	Main stream: 1080p
Frame Rate	Secondary stream: D1
Frame Rate	Main stream: 1080p@30fps
Bitrate	Secondary stream: D1@30fps 32kbps ~ 16Mbps
Bitrate Control	VBR / CBR
Multi-stream	Supported
Caption	Date and time / Alarm / Direction / Customized
•	
Privacy Masking	Up to 4 zones
Motion Detection	Up to 4 zones
ROI	Supported 3D reside reduction
Digital Noise Reduction	
Image Flip	Flip / Mirror / Rotation 90°, 180°, 270°
Audio	
Compression	G.711a / G.711u / ADPCM / G.722 / AAC-LC / G.722.1c / G.726
Bitrate	32kbps ~ 64kbps
Audio Function	Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute
Network	
Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP,
User Interface	VSIP, UPnP, 802.1x, NAT, QoS, SMTP, IPv4, IPv6 (optional)
Max. User Access	IPC Control (IE, Firefox, Chrome)  Max. 10 Users (includes 2 internal)
	ONVIF (Profile S, Profile G), GB/T 28181 2011, API, CGI
Application Programming	ONVIF (Plottie 3, Plottie G), GB/T 20101 2011, API, CGI
Automatic Network	Cupported
Replenishment (ANR)	Supported
· , ,	
Recognitive Functions	
Target Detection	Person, Face up to 18 targets simultaneously
Captured Picture	Person, Face, Full view
Target Characters	Built-in picture comparison algorithm, best picture selection
Target Characters	Direction / Speed level
People Counting	Bi-directional
Face Enhancement	Face Intelligence Exposure
Alarm	
Alarm Triggers	Alarm input / Network disconnect / Disk full / Disk error
Alarm Events	Alarm report / Recording / Text overlay / Snapshot / External output / Email notice
	Acoustic alarm
Interface	
Ethernet	10/100M, RJ45 interface
Audio In / Out	1 x Line in / 1 x Line out
Control	1 x RS485
Alarm In / Out	1 x Input / 1 x Output
Memory Slot	Micro SD card slot, supports up to 128GB
Environmental	
Operating Temperature	-40°C ~ 40°C / -40°F ~ 104°F
<u> </u>	
Operating Humidity	10% ~ 95%
Electrical	A C C A V . 400/ 4 D C 400/ 4 D T (122 - 1
Power	AC 24V ± 10% / DC12V ± 10% / PoE (IEEE802.3at)
Power Consumption	Max. 20W
Mechanical	
Weight	1 kg / 2.2lb (Gross Weight)
Dimensions	181.5 x 80 x 73mm / 7.15" x 3.15" x 2.87"
Dimensions	101.0 x 00 x 70111117 7 . 10 x 0. 10 x 2.07

# IPC2231-Gi4N-SIR40-Z7022

# Human Recognitive HD Network Varifocal IR Semi Dome

















### **Features**

**Excellent Image Quality** 

2.0 Megapixel 1/2.8" progressive scan CMOS sensor High definition and smooth picture, 1080p@30fps H.265 video codec, saves up to 50% bandwidth and storage Ultra low illumination, 0.002lux with color picture WDR support / 3D noise reduction / Auto Iris / HLC

### **Recognitive Functions**

Up to 18 targets simultaneously Target capturing and characters recognizing Bi-directional people counting Built-in picture comparison algorithm, best picture selection Face Intelligence Exposure

## Vandal-Proof

Above IK10 @ 50J collision energy

### Integrated High Efficiency IR

Industrial IR LED with long operational lifespan 20 ~ 40m IR distance Smart IR function

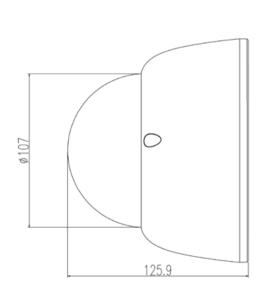
## A Variety of Installation Modes

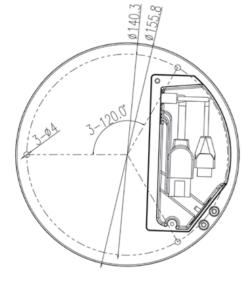
Varifocal AF lens

## **Abundant Functions and Features**

Micro SD card slot, supports Automatic Network Replenishment (ANR) Bi-directional audio / alarm in and out / RS485 Up to 3 Multi-stream PoE

Dimensions.....





<b>Specifications</b>	
IPC2231-Gi4N-SIR40-Z	7022
Camera	
Image Sensor	1/2.8" Progressive scan CMOS
Pixels	2.0 Megapixel
Min. Illumination	Color: 0.002lux @ (F1.2, AGC ON)
	B/W: 0.0002lux @ (F1.2, AGC ON);
Shutter Speed	1 ~ 1/30,000s
Day / Night	Auto (ICR) / Color / B/W
Wide Dynamic Range	Digital WDR
S/N Ratio	>52dB
White Balance	Auto / Manual
Gain Control	Auto / Manual
Backlight	Off / WDR / BLC / HLC
Lens	
Mount Type	Ф14
Auto Iris	DC drive
Focal Length	Z7022: 7~22mm @ F1.4 motorized varifocal lens
Angle of View	108° ~ 35°
Adjustment Range	Pan: 0° ~ 355° / Tilt: 0° ~ 75° / Rotation: 0° ~ 355°
Night View	
IR Distance	20 ~ 40m
IR Intensity	Smart IR
Video	
Compression	H.265 / H.264 / MJPEG
Image Resolution	Main stream: 1080p
	Secondary stream: D1
Frame Rate	Main stream: 1080p@30fps
Bitrate	Secondary stream: D1@30fps 32kbps ~ 16Mbps
	•
Bitrate Control	VBR / CBR
Multi-stream	Supported  Date and time / Alarma / Direction / Customized
Caption Privacy Macking	Date and time / Alarm / Direction / Customized
Privacy Masking	Up to 4 zones
Motion Detection	Up to 4 zones
	Supported 3D noise reduction
Digital Noise Reduction	
Image Flip	Flip / Mirror / Rotation 90°, 180°, 270°
Audio	0.744- / 0.744- / ADDOM / 0.700 / AAO   0.700 4- / 0.700
Compression	G.711a / G.711u / ADPCM / G.722 / AAC-LC / G.722.1c / G.726
Bitrate	32kbps ~ 64kbps
Audio Function	Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute
Network	TOD/ID LIDD LITTE DUCE DNG/DDNG DTD/DTCD DTCD DDD-F FTD
Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, VSIP, UPnP, 802.1x, NAT, QoS, SMTP, IPv4, IPv6 (optional)
User Interface	IPC Control (IE, Firefox, Chrome)
Max. User Access	Max. 10 Users (includes 2 internal)
Application	ONVIF (Profile S, Profile G), GB/T 28181 2011, API, CGI
	, , , , , , , , , , , , , , , , , , , ,
Programming	
Programming Automatic Network	Supported
Programming Automatic Network Replenishment (ANR)	Supported
Automatic Network Replenishment (ANR)	
Automatic Network Replenishment (ANR) Recognitive Functions	• · · · · · · · · · · · · · · · · · · ·
Automatic Network Replenishment (ANR) Recognitive Functions Target Detection	Person, Face up to 18 targets simultaneously
Automatic Network Replenishment (ANR) Recognitive Functions	Person, Face up to 18 targets simultaneously  Person, Face, Full view
Automatic Network Replenishment (ANR) Recognitive Functions Target Detection	Person, Face up to 18 targets simultaneously
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection Direction / Speed level Bi-directional
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting	Person, Face up to 18 targets simultaneously  Person, Face, Full view  Built-in picture comparison algorithm, best picture selection  Direction / Speed level
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement  Alarm  Alarm Triggers	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice /
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection Direction / Speed level Bi-directional Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 1 x Line in / 1 x Line out
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface  1 x Line in / 1 x Line out  1 x RS485
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection Direction / Speed level Bi-directional Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 1 x Input / 1 x Output
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement  Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface  1 x Line in / 1 x Line out  1 x RS485
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 1 x Input / 1 x Output  Micro SD card slot, supports up to 128GB
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental Operating Temperature	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface  1 x Line in / 1 x Line out  1 x RS485  1 x Input / 1 x Output  Micro SD card slot, supports up to 128GB
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 1 x Input / 1 x Output  Micro SD card slot, supports up to 128GB
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level	Person, Face up to 18 targets simultaneously  Person, Face, Full view Built-in picture comparison algorithm, best picture selection  Direction / Speed level  Bi-directional  Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error  Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface  1 x Line in / 1 x Line out  1 x RS485  1 x Input / 1 x Output  Micro SD card slot, supports up to 128GB
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection Direction / Speed level Bi-directional Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 1 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 40°C / -40°F ~ 104°F 10% ~ 95% IK10+ @50J
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical Power	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection Direction / Speed level Bi-directional Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 1 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 40°C / -40°F ~ 104°F 10% ~ 95% IK10+ @50J  AC 24V ± 10% / DC12V ± 10% / PoE (IEEE802.3at)
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical Power Power Consumption	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection Direction / Speed level Bi-directional Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 1 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 40°C / -40°F ~ 104°F 10% ~ 95% IK10+ @50J
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical Power Power Consumption Mechanical	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection Direction / Speed level Bi-directional Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 1 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 40°C / -40°F ~ 104°F 10% ~ 95% IK10+ @50J  AC 24V ± 10% / DC12V ± 10% / PoE (IEEE802.3at) Max. 20W
Automatic Network Replenishment (ANR)  Recognitive Functions Target Detection Captured Picture  Target Characters People Counting Face Enhancement Alarm Alarm Triggers Alarm Events  Interface Ethernet Audio In / Out Control Alarm In / Out Memory Slot Environmental Operating Temperature Operating Humidity Protection Level Electrical Power Power Consumption	Person, Face up to 18 targets simultaneously Person, Face, Full view Built-in picture comparison algorithm, best picture selection Direction / Speed level Bi-directional Face Intelligence Exposure  Alarm input / Network disconnect / Disk full / Disk error Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm  10/100M, RJ45 interface 1 x Line in / 1 x Line out 1 x RS485 1 x Input / 1 x Output Micro SD card slot, supports up to 128GB  -40°C ~ 40°C / -40°F ~ 104°F 10% ~ 95% IK10+ @50J  AC 24V ± 10% / DC12V ± 10% / PoE (IEEE802.3at)

# Falcon

# Human Recognition System



## **Features**

### **High Performance, High-capacity**

Supports up to 500,000 cameras in one system
Supports up to 10,000,000 Face / Human Detection Comparison Library
Real-time multiple face matching, matching speed low to 2s
Up to 98% face recognition accuracy

### **Deep Analysis**

Supports deep learning algorithm
Supports human attributes analysis

#### **Good Compatibility**

Supports different types of camera: Kedacom human recognitive camera, Kedacom standard IP camera, Third-party IP camera

### **Abundant Functions and Features**

Three types of snapshot: face, head and shoulder, person Supports recognizing and capturing the human side and back picture Supports searching picture by picture or attributes



Specifications	04			
Falcon Human Recognition System				
KProServer Chassis	High density congression			
CPU Server Chassis	High density server chassis			
	19" 2U standard blade rack server chassis, able to insert 4 computing nodes,			
	each computing node configuration 3 slot of 3.5 inch / 2.5-inch compatible hard drive slot, a total of 12 hard disk slot can be placed			
	Include 2 unit of 1600W redundant platinum power supply			
	moduce 2 unit of 100000 redundant platinam power supply			
Computing Nodes	Computing Nodes for KProServer2			
	2 x Intel Xeon processor E5-2620V3 (6 core, 12 thread, 2.4GHz, 15MB			
	Cache) 32GB RAM (KProServer2-N100-E01-32G) / 64GB RAM			
	KProServer2-N100-E01-			
	64G) / 128GB RAM (KProServer2-N100-E02-128G)			
	3 x 1000M RJ45 OS license not included			
HDD	Enterprise Class SATA HDD			
ПОО	4TB, 3.5", 7200 RPM, 6Gb/s, 64MB cache			
Functions	Compares the attributes of each face			
	Calculates the similarity percentage between faces			
Operating Temperature	10°C ~ 40°C / 50°F ~ 104°F			
Operating Humidity	50% ~ 90%			
Power	100 ~ 127V AC, 50 ~ 60Hz / 200 ~ 240V AC, 50 ~ 60Hz			
Power Consumption	Max. 1600W (4 computing nodes included)			
Weight	38kg / 83.78lb (including 4 x nodes)			
Chassis Dimensions	771 x 438 x 87.9mm / 30.35" x 17.24" x 3.46"			
DeepEngine-1000 GPU Serve	er			
GPU Server Chassis	High density server chassis			
	19"" 4U standard blade rack server chassis, able to insert 6 computing nodes			
	Include 4 unit of 1200W redundant platinum power supply			
Computing Nodes	Computing Nodes for DeepEngine-1000			
	1 x 64 bit multi-core CPU, 2 x GPU, 32GB RAM 2 x 1000M RJ45, 64GB			
	mSATA SSD			
Functions	OS license not included  Identifies the faces and persons in the video streaming			
Functions	Grabs the attributes of each face and person			
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F			
Operating Humidity	50% ~ 90%			
Power	100 ~ 127V AC, 50 ~ 60Hz / 200 ~ 240V AC, 50 ~ 60Hz			
Power Consumption	Max. 3000W (6 computing nodes included)			
Weight	58kg / 127.87lb (including 6 x nodes)			
Chassis Dimensions	820 x 440 x 177.8mm / 32.28" x 17.32" x 7"			
System	020 X 440 X 177.0Hilli7 32.20 X 17.32 X 7			
Supported Operating System	Windows10 Professional 64-bit / Windows 10 Enterprise 64-bit			
Supported Operating System	Windows 70 Professional 64-bit / Windows 70 Enterprise 64-bit / Windows 7			
	Ultimate 64-bit			
	Windows Server 2008 / Windows Server 2012			
Database	Elastic Search			
Application System	Falcon Human Recognition System			
User Management	Admin / User			
Maximum Number Of	Up to 500,000			
Camera / Video Stream	GP 10 000,000			
Access				
Face / Human Detection	Up to 10,000,000			
Comparison Library				
Camera Access Type	Kedacom human recognitive camera			
	Kedacom standard IPC (by Kedacom VMS) Third-party IPC (by Kedacom			
	VMS and NVR) RTSP Video Stream (Optional)			
Storage	Face and human pictures (By IPSAN)			
Recognitive Functions				
Target Detection	Identifies the faces and persons in the video streaming			
Captured Picture	Person, Face, Full view			
Face Matching	Real-time / Post-event			
Analysis	Analyzes attributes of human and face image, grabs the gender, age group,			
	with or without glasses and mask, color of clothes, texture of clothes,			
	direction, speed level			
Search Mode	Date and time / Camera / Face image / Person image / Attributes (gender,			
	age group, with or without glasses and mask, color of clothes, texture of			
Poonle Countin	clothes, direction, speed level)			
People Counting	Bi-directional			
Alarm	Face matching			
Alarm Triggers	Face matching			
Alarm Events	Alarm report / Snapshot / Acoustic alarm			
Video				
Compression	H.265 / H.264			
Live View	1080p@30fps			
Network				
Network Protocols	TCP/IP, UDP, RTSP, VSIP, 802.1x, IPv4			
User Interface	EPAS Client			



Dear Clients,

Thank you for taking the time to browse our Product Catalogue.

We have incorporated herein our comprehensive product range to suit versatile moving surveillance solutions.

We are especially excited to develop our advanced Recognitive Tracking System which has been the world's first of its type.

Before we do anything, we start with our clients in mind and this enables us to develop solutions which create tangible benefits and deliver excellent return on investment.

We are intrinsically R&D oriented in spirit and for this reason we invest a large part of our annual revenue to develop innovative products and solutions.

We take to heart the adage that excellence is a journey and cordially invite you to join us through a progressive future.

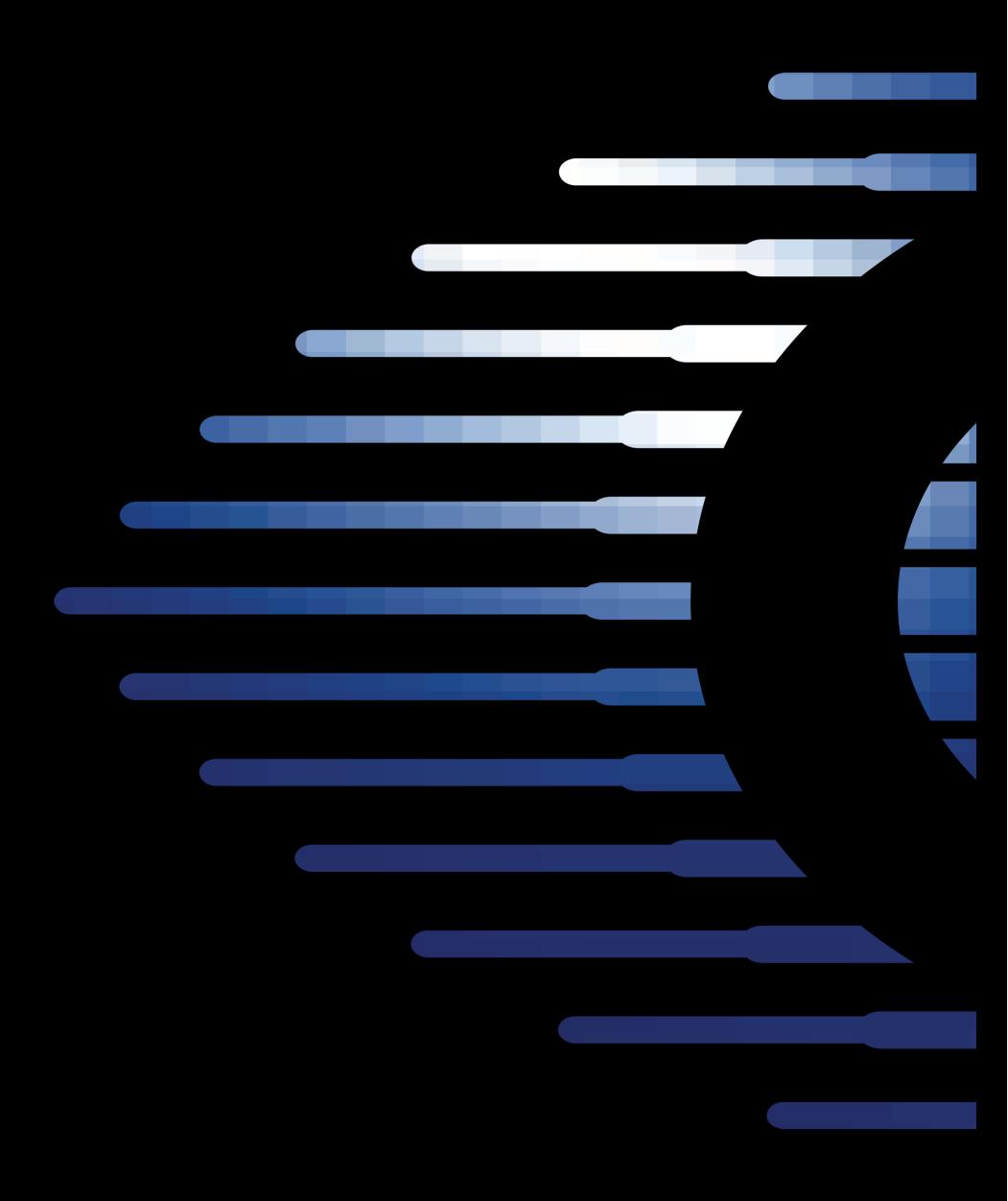
Warmest welcome,

Eye To Eye Security and KEDACOM Team

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