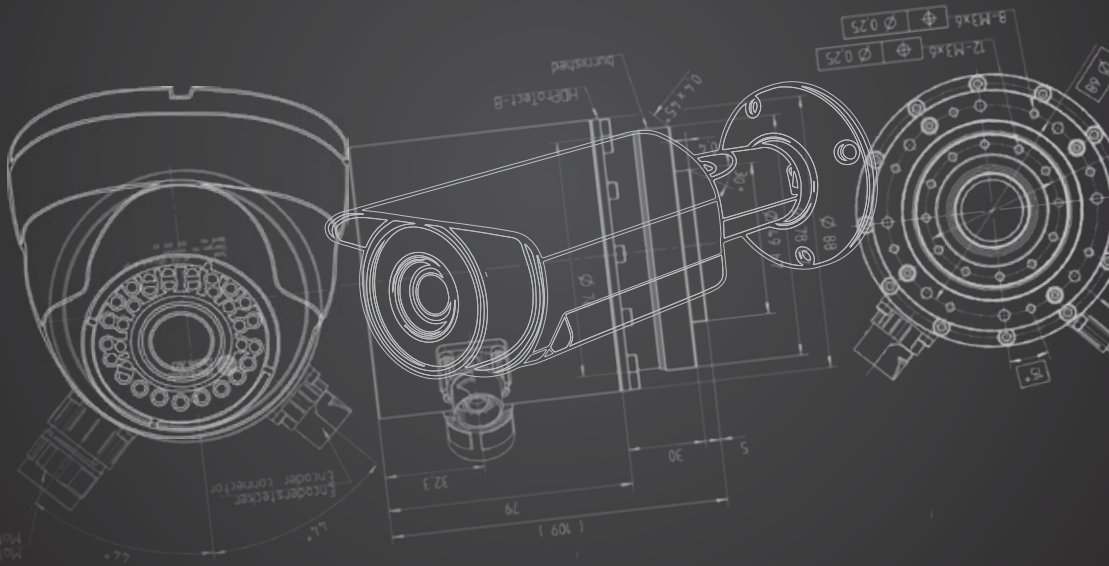# OZAAS

VIDEO SURVEILLANCE
SOLUTIONS

YOUR INTELLIGENT WORLD

GUARDING YOUR HOME, YOUR BUSINESS AND HELPING YOU MAKE DATA DRIVEN DECISIONS.

AT THE HEART OF ANY CONNECTED TECHNOLOGY LIES A HUMAN EXPERIENCE. INNOVATIVE AND INSPIRED THINKING IS WHAT THE FOUNDATION OF OZAAS IS BUILT ON. OUR INNOVATION RADAR IS CONSISTENTLY DRIVEN BY OUR AMBITION TO HELP THE WORLD LIVE SMARTER, WITH PRODUCTS THAT PROMISE COMFORT AND PEACE OF MIND.

OZAAS
AHD CAMERAS

OZ-V1-AEBH10-200
1MP IR AHD Bullet Camera

Features
- 1/1.4" 1.0MP CMOS
- 3.6mm Fixed Lens
- Up to 20m IR distance
- 4 IN1 AHD/CVI/TVI/CVBS
- UTC & OSD support
- IP66 weatherproof
- Night Vision

| 4 in 1 | Day/Night | CMOS Sensor |
| WDR | 20m IR Distance | IP66 Weatherproof |

OZ-V1-AEDH10-200
1MP IR AHD Dome Camera

Features
- 1/4" 1.0MP CMOS
- 3.6mm Fixed Lens
- Up to 20m IR distance
- 4 IN1 AHD/CVI/TVI/CVBS
- UTC & OSD support
- Night Vision

| 4 in 1 | Day/Night | CMOS Sensor |
| WDR | 20m IR Distance | |

OZAAS
XVR RECORDERS

Ozaas XVRs can recieve video transmission from multiple HD Analog cameras located in local or remote sites. Each recorder can be fitted with 6TB SATA disks with up to 12TB in capacity, and stores recordings from multiple cameras using motion JPEG, MPEG-4 or H.264 streaming technology.

OZ-V1-APX-16A0H2-UK/EU
16CH XVR 5IN1 H.264

Features
- Analog / AHD / CVI / TVI / IP cam compatible
- Up to HD 1080N & IP 5MP Res Recording
- HDMI, VGA and CVBS Video Output
- Supports 16CH HD or 16CH IP Camera Input
- 2 SATA HDD (Upto 12TB capacity)
- Smartphone Remote Monitoring

OZ-V1-AMBH20-300
2MP IR Bullet HD Camera

Features
- 1/2.7" 2.0MP CMOS
- 3.6mm Lens
- Up to 20m IR distance
- 4 IN1 AHD/CVI/TVI/CVBS
- IP66 weatherproof
- UTC & OSD support
- Night Vision

| 4 in 1 | Day/Night | CMOS Sensor |
| WDR | 20m IR Distance | IP66 Weatherproof |

OZ-V1-AMDH20-300
2MP IR Dome HD Camera

Features
- 1/2.7" 2.0MP CMOS
- 3.6mm Lens
- Up to 20m IR distance
- 4 IN1 AHD/CVI/TVI/CVBS
- IP66 weatherproof
- UTC & OSD support
- Night Vision

| 4 in 1 | Day/Night | CMOS Sensor |
| WDR | 20m IR Distance | IP66 Weatherproof |

OZ-V1-AMX8A0H-UK/EU
8CH XVR 5IN1 H.264

Features
- Analog / AHD / CVI / TVI / IP cam compatible
- Recording Res up to HD 1080N and IP 1080P
- HDMI, VGA and CVBS Video Output
- Supports 8CH HD or 16CH IP Camera Input
- 1 SATA HDD (Upto 6TB capacity)
- Smartphone Remote Monitoring
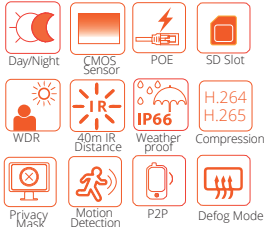
OZAAS

OZAAS
IP CAMERAS

OZ-V1-APBN40-400
4MP IR Bullet HD IP Camera

Features
- 1/3"OV Hi-Res CMOS
- 6mm Fixed Lens
- Up to 40m IR distance
- H.264/H.265 compression
- IP66, PoE
- Night Vision

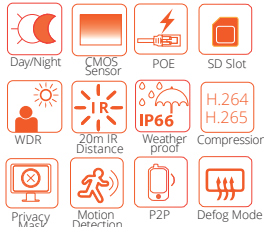| Day/Night | CMOS Sensor | POE | SD Slot |
| WDR | 40m IR Distance | IP66 Weather proof | H.264 H.265 Compression |
| Privacy Mask | Motion Detection | P2P | Defog Mode |

OZ-V1-APDN40-400
4MP IR Dome HD IP Camera

Features
- 1/3"OV Hi-Res CMOS
- 3.6mm Fixed Lens
- Up to 20m IR distance
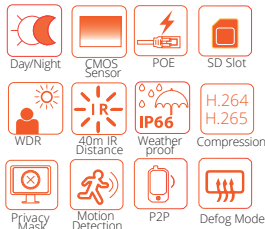- H.264/H.265 compression
- IP66, PoE
- Night Vision

Day/Night	CMOS Sensor	POE	SD Slot
WDR	20m IR Distance	IP66 Weather proof	H.264 H.265 Compression
Privacy Mask	Motion Detection	P2P	Defog Mode

OZAAS
NVR RECORDERS

Ozaas NVRs records 4K, ultra high definition footage on 16 channels. It has 1 SATA interface for HDD storage and 8 power over ethernet (PoE+) ports. The 4K NVR is exactly what you need for recording the highest resolution footage possible.

OZ-V1-APN16A0N1-UK/EU
4K 9 PORT16CH NVR, POE H.265

Features
- 16-channel HD NVR with 4K capability
- Compatible with any IP camera
- Up to 8MP Res Recording & Playback
- HDMI & VGA Output
- H.265/H.264 Video Forma
- 1 SATA HDD (Upto 6TB capacity)
- Supports 8 PoE Network Interfaces
- Smartphone Remote Monitoring

OZ-V1-APBN40-405
4MP IR Bullet HD 5X IP Camera

Features
- 1/3"OV Hi-Res CMOS
- 2.7-13.5mm 5X Motor Zoom
- Up to 40m IR distance
- H.264/H.265 compression
- IP66, PoE
- Night Vision

Day/Night	CMOS Sensor	POE	SD Slot
WDR	40m IR Distance	IP66 Weather proof	H.264 H.265 Compression
Privacy Mask	Motion Detection	P2P	Defog Mode

OZ-V1-APDN40-405
4MP IR Dome HD 5X IP Camera

Features
- 1/3"OV Hi-Res CMOS
- 2.7-13.5mm 5X Motor Zoom
- Up to 30m IR distance
- H.264/H.265 compression
- IP66, PoE
- Night Vision

Day/Night	CMOS Sensor	POE	SD Slot
WDR	20m IR Distance	IP66 Weather proof	H.264 H.265 Compression
Privacy Mask	Motion Detection	P2P	Defog Mode

OZ-V1-APN8A0N1-UK/EU
4K 8CH NVR, POE H.265

Features
- 8-channel HD NVR with 4K capability
- Compatible with any IP camera
- Up to 8MP Res Recording & Playback
- HDMI & VGA Output
- H.264/H.265 Video Format
- 1 SATA HDD (Upto 6TB capacity)
- Smartphone Remote Monitoring

OZAAS EYE

Download the free Ozaas EYE app for iOS & Android

Google Play · App Store

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OZAAS
FISH EYE
IP CAMERA

OZ-V1-FPDN40-600
4MP Panoramic IR Fisheye IP Camera

Day/Night	CMOS Sensor	POE	SD Slot
WDR	20m IR Distance	Panoramic View	H.264 H.265 Compression
Privacy Mask	Motion Detection	P2P	Defog Mode
2-way Audio	e-PTZ		

Features
- 1/2.9"SONY Low Illumination CMOS
- 1.05mm Panoramic Lens/ 5MP Res
- H.265/H.264 Compression
- Up to 20m IR distance
- SD Card Slot (Max. 64GB)
- PoE (IEEE 802.3af)
- WiFi distance of up to 300m
- Two-Way Audio
- Alarm In/Out, CVBS
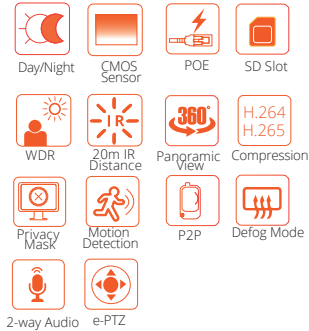
OZAAS NVR RECORDERS

Support fisheye video de-warping in local and web user interface. Select from our 8ch or 16ch NVR depending on your preferred number of display splits.

Additional Functionalities to Optimize your premises

Smartphone Monitoring
--Real-time monitoring
- Event alarm detection

Specialized Features

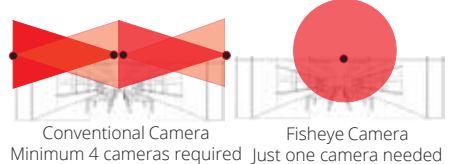5MP IMAGE CLARITY | 64GB SD CARD STORAGE | 2-WAY AUDIO

Fisheye

Single Panorama

A 360˚ SOLUTION FOR ANY BUSINESS

Retail stores, offices or homes need minimum installation with minmum maintenance. Ozaas panaromic fisheye camera is a perfect solution.

Conventional Camera
Minimum 4 cameras required

Fisheye Camera
Just one camera needed

Download the free Ozaas EYE app for iOS & Android

OZAAS EYE

Google Play | App Store

OZAAS

OZAAS
Wi-Fi CAMERA KIT

OZ-V1-WEBH10-300
1MP 4CH WiFi Kit 300m distance

1 x 4CH Wi-Fi NVR H.264	**4 x 1MP Outdoor Bullet IP**	**4 x DC12V/0.5A Power**

Features
- Wi-Fi NVR with 5dBi Antenna
- Wi-Fi Transmission upto 300m (Subject to no obstructions)
- Video Compression: H.264
- HDMI & VGA Output
- Better heat dispersion

Wireless · Privacy Mask · Plug & Plug

Features
- 1/4" 1.0MP CMOS Sensor
- 3.6mm Lens
- Up to 25m IR distance
- Privacy Masking
- IP66 Weatherproof

CMOS Sensor · WDR · 25m IR Distance · IP66 Weather proof · Day/Night · Audio

1 x DC12V/2A Power Adapter for WIFI NVR

1 x USB Mouse

EVERYTHING YOU NEED TO START BUILDING YOUR HOME SECURITY
Easy to use HD WiFi camera kit helps you monitor your home or business from anywhere with your laptop, tablet or smartphone. No matter where you are, you're always home.

EASY INSTALLATION
Ozaas Wifi surveillance kit is designed for easy installation and simple plug and play. Ozaas Wi-Fi kit come with a short and simple installation. Now you can have total peace of mind and more time for what matters.

PRIVACY MASKING
Protect personal privacy by concealing parts of the image from view with a masked area.

REMOTE VIEWING FROM YOUR SMARTPHONE
Share the Action - Easily share camera access, or specific videos, with friends and family so everyone's caught up on the latest events.

OZAAS EYE
Download the free Ozaas EYE app for iOS & Android

Google Play · App Store

OZAAS

OZAAS
VIDEO MANAGEMENT
SOLUTION (VMS)

VIDEO MANAGEMENT SOLUTION

Ozaas Video Management System (VMS) is a powerful, reliable and scalable solution for video surveillance and business management. It can be deployed in small projects containing only few cameras as well as large installations with hundreds of cameras, access control and other devices.

Ozaas VMS Pro is designed for large projects to provide Video Monitoring, Recording Setting and access to facility maps and alarms. It also can provide flexible and diverse deployment plans to meet the demands of medium or small projects in varieties of different environments.

VIDEO ANALYTICS

OZAAS will soon launch industry defining technologies - **OZAAS CLOUD** and **OZAAS ANALYTICS**, which will turn the standard surveillance system to one that is connected to the cloud and provides storage and world class video analytics in easy and affordable ways. OZAAS Video analytics will have several features to enhance security based on face recognition, entry/exit as well as the periphery security.

Enterprise Video Management	Real-Time Video Analytics	Scalable Storage Solutions
Enterprise VMS functionalities for professional security	Real Time Video Analytics for advanced security projects	Cloud and High-Performance Storage Solutions designed for Surveillance Industry
Alarm Management	Intrusion Detection	OZAAS CLOUD
360 Fisheye	Face Recogntion	Mobile Device — NVR/EDGE
Centralized Management	Virtual Fence	EXTERNAL STORAGE

AHD CAMERAS

MODEL	AHD CAMERAS			
	OZ-V1-AEBH10-200	OZ-V1-AEDH10-200	OZ-V1-AMBH20-300	OZ-V1-AMDH20-300
	1MP Bullet AHD Camera	1MP Dome AHD Camera	2MP Bullet AHD Camera	2MP Dome AHD Camera
Image Sensor	1/4" 1MP CMOS	1/4" 1MP CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS
Image Resolution	1MP 720P/ 960H	1MP 720P/ 960H	2MP 1080P/ 960H	2MP 1080P/ 960H
Effective Pixels	1280*720	1280*720	1920*1080	1920*1080
TV System	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC
Electronic Shutter	1/25s~1/50,000s , 1/30s~1/60,000s	1/25s~1/50,000s , 1/30s~1/60,000s	1/25s~1/50,000s , 1/30s~1/60,000s	1/25s~1/50,000s , 1/30s~1/60,000s
S/N Ratio	≥50dB	≥50dB	≥50dB	≥50dB
Scanning System	Progressive Scan	Progressive Scan	Progressive Scan	Progressive Scan
Focus Length	3.6mm	3.6mm	3.6mm	3.6mm
Focus Control	Fixed	Fixed	Fixed	Fixed
Lens Type	Fixed	Fixed	Fixed	Fixed
Pixels	2M Pixels	2M Pixels	3M Pixels	3M Pixels
Infrared LED	14μ x 18PCS	14μ x 18PCS	14μ x 18PCS	14μ x 18PCS
Infrared Distance	20M	20M	20M	20M
IR Status	Under 10 Lux by CDS	Under 10 Lux by CDS	Under 10 Lux by CDS	Under 10 Lux by CDS
IR Power On	CDS Auto Control	CDS Auto Control	CDS Auto Control	CDS Auto Control
Day/Night	YES	YES	YES	YES
OSD Menu	YES	YES	YES	YES
Noise Reduction	DNR	DNR	DNR	DNR
Pic Adjustment	YES	YES	YES	YES
WDR	YES	YES	YES	YES
OSD Support	YES	YES	YES	YES
UTC	YES	YES	YES	YES
Housing	Plastic, IP66	Plastic	Plastic, IP66	Metal, IP66
Operation Temperature	-10℃ ~ +50℃	-10℃ ~ +50℃	-10℃ ~ +50℃	-10℃ ~ +50℃
Power Source	DC12V±10%, 550mA	DC12V±10%, 550mA	DC12V±10%, 550mA	DC12V±10%, 550mA

SPECIFICATIONS

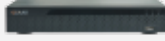# IP CAMERAS

	IP CAMERAS				
Model	OZ-V1-APBN 40-400 4MP Bullet IP Camera	OZ-V1-APDN 40-400 4MP Dome IP Camera	OZ-V1-APBN 40-405 4MP Bullet IP 5X AF Camera	OZ-V1-APDN 40-405 4MP Dome IP 5X AF Camera	OZ-V1-FPDN 40-600 4MP Fisheye Camera
Image Sensor	1/3" OV Hi-Res CMOS	1/3" OV Hi-Res CMOS	1/3" OV Hi-Res CMOS	1/3" OV Hi-Res CMOS	1/2.9" SONY Low Illum CMOS
Resolution	4MP	4MP	4MP	4MP	4MP
Effective Pixels	2688(H)*1520(V)	2688(H)*1520(V)	2688(H)*1520(V)	2688(H)*1520(V)	3096 (H)*2202(V)
Compression	H.264/H.265	H.264/H.265	H.264/H.265	H.264/H.265	H.264/H.265
TV System	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC
S/N Ratio	≥52dB	≥52dB	≥52dB	≥52dB	≥52dB
Video Output	Network	Network	Network	Network	Network, cvbs
Focus Length	6mm	3.6mm	2.7-13.5mm	2.7-13.5mm	1.05mm
Focus Control	Fixed	Fixed	Auto	Auto	Fixed
Lens Type	Fixed	Fixed	Motorized	Motorized	Fixed
Pixels	4MP	4MP	5MP	5MP	5MP
Infrared LED	42µ x 4PCS	14µ x 18PCS	42µ x 4PCS	14µ x 24PCS	42µx 3PCS
Infrared Distance	40M	20M	40M	30M	20M
P2P	YES, QR Code	YES, QR Code	YES, QR Code	YES, QR Code	YES, QR Code
POE	Support	Support	Support	Support	Support
Day/Night	Yes	Yes	Yes	Yes	Yes
Defog Mode	Support	Support	Support	Support	Support
WDR	Support	Support	Support	Support	Support
Motion Detection	Support	Support	Support	Support	Support
Privacy Masking	Support	Support	Support	Support	Support
SD Card Slot	Yes, Max 64GB	Yes, Max 64GB	Yes, Max 64GB	Yes, Max 64GB	Yes, Max 64GB
Housing	Plastic ,IP66	Metal IP66	Plastic ,IP66	Metal IP66	Metal
Operation Temp	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃	-20℃ ~ +60℃
Power Source	DC12V±10%, 1000mA	DC12V±10%, 850mA	DC12V±10%, 1000mA	DC12V±10%, 1000mA	DC12V±10%, 950mA

OZAAS

XVR RECORDERS

	XVR RECORDERS	
Model	OZ-V1-APX-16A0H2-UK/EU	OZ-V1-AMX8A0H-UK/EU
	16CH H.264 5IN1 XVR 1080N	8CH H.264 5IN1 XVR 1080N
Input	16CH BNC	8CH BNC
Signal Type	Analog/AHD/CVI/TVI 2.0/Network	Analog/AHD/CVI/TVI 2.0/Network
Output	1 VGA, 1CVBS,1 HDMI	1HDMI,1 VGA, 1CVBS
Motion Detection	16 Channel	8 Channel
Trigger Events	Recording, Alarm, Email, Buzzer	Recording, Alarm, Email, Buzzer
Interface	RS485	RS485
Display Split	16 Channel/9 Channel/8 Channel /4 Channel / 1Channel	16 Channel/9 Channel/8 Channel /4 Channel / 1Channel
Privacy Masking	1 Rectangular Zones	1 Rectangular Zones
OSD	Camera title, Time, Motion detection, Recording	Camera title, Time, Video loss Motion detection, Recording
Video Compression	H.264	H.264
Audio Compression	G711u	G711u
Record Mode	Manual\Timer\Motion Detection	Manual\Timer\Motion Detection
Decode Capability	4CH 1080P@30fps	4CH 1080P@30fps
Remote Playback	4 Channel / 1 Channel	4 Channel / 1 Channel
Network Interface	1 RJ45 10M/100M/1000M	1 RJ45 10M/100M/1000M
Smart Phone	iPhone, ipad, Android ,Android pad	iPhone, ipad, Android ,Android pad
HD Interface	2 SATA Interface	1 SATA Interface
HD Capacity	2 SATA Hard Disk (Up to 12TB)	1 SATA Hard Disk (Up to 6TB)
Language	English	English
UTC Control	YES	YES
USB Interface	2 USB 2.0 Interfaces	2 USB 2.0 Interfaces
Power consumption	DC 12V ≤10W (Without Hard Disk)	DC 12V ≤6W (Without Hard Disk)
Working Environment	-10~55℃/10~90%	-10~55℃/10~90%

NVR RECORDERS

	NVR RECORDERS	
Model	OZ-V1-APN8A0N1-UK/EU	OZ-V1-APN16A0N1-UK/EU
	8CH.H.265 POE NVR 4K	9PORT, 16CH H.265 POE NVR 4K
Input	8CH	16CH
Output	1 VGA, 1 HDMI	1 VGA, 1 HDMI
Audio Bit Rate	64kbps	64kbps
Audio Compression	G.711	G.711
Motion Detection	8 Channel	16 Channel
Trigger Events	Recording, Email, FTP, Snapshot, Buzzer and Screen Tips, alarm output	Recording, Email, FTP, Snapshot, Buzzer and Screen Tips, alarm output
Display Split	8CHxD1/4CHxD1/1CHx1080P/1CHx3MP /1CHx4MP/1CHx5MP/1CHx4k	9CHxD1/4CHxD1/1CHx1080P/1CHx3MP /1CHx4MP/1CHx5MP/1CHx4k
Digital Zoom	YES	YES
OSD	Camera Title, Time, Video Loss, Recording, Motion Detection	Camera Title, Time, Video Loss, Recording, Motion Detection
Video Compression	H.264/H.265	H.264/H.265
Decode Capability	1CH 4K(3840×2160)@30fps	1CH 4K(3840×2160)@30fps
Remote Sync Playback	YES	YES
Interface	1 x RJ45 (10M/100M Adaptive Ethernet)	9 x RJ45 (10M/100M Adaptive Ethernet)
Incoming Bandwidth	80MB	80MB
Onvif Version	Support Onvif 2.4	Support Onvif 2.4
Cloud Support(P2P)	Yes	Yes
Smart Phone	iPhone, iPad, Android, Android Pad	iPhone, iPad, Android, Android Pad
Storage Interface	1 SATA Interface	1 SATA Interface
Storage Capacity	Up to 6TB capacity	Up to 6TB capacity
Language	English	English
USB Interface	2 USB 2.0 Interfaces	2 USB 2.0 Interfaces
Power Supply	DC12V/2A	DC48V/2500mA ≤10W
Working Environment	-10~55℃/10~90%	-10~55℃/10~90%

OZAAS

www.ozaas.com | mail@netweb.com.sg

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