LILIN

3D ToF Depth Sensing WIFI IP Camera

DS362AW

www.meritlilin.com

Features

- **0.3MP ToF sensor**
- **VGA H.264/AVC high-performance video compression**
- **Simultaneous streaming of H.265 and H.264 encoded streams**
- **1-way audio supported**
- **Digital I/O : 1 out**
- **IP66 rain and dust resistant**
- **WiFi supported (IEEE802.11b/g/n/ac)**

Specifications	
Angle of View	90° (H) x 66.7° (V) x 115° (D)
Lens Aperture	F1.2
Pick Up Element	1/4.5" Sony DepthSense® IMX570
Maximum Frame Rate	15fps
Effective Pixels	640 (H) x 480 (V) = 307,200 (Pixels)
Shutter Type	Global
IP Rating	IP66
Vandal Resistant Rating	IK10
CE	Yes, EMI Class A
FCC	Yes, EMI Class A
Regulatory Approvals	Eye Safety Class 1 IEC 60825-1:2007 (Certificate)
Starting Temperature	0° C – +50° C (32° F – 122° F)
Operating Temperature	-10° C – +50° C (14° F – 122° F)
Storage Temperature	-25° C – +60° C (-13° F – 140° F)
Humidity	0% – 90% RH
Casing Material	Aluminum alloy
Color (RAL Number)	White
Dimension	150 (W) x 90 (H) x 57 (D) mm
Weight	675g
Power Supply	DC12V ±10%
Power Consumption	DC12V, 2.54A, 30.5W
Specifications	
Illumination	940nm VCSEL × 2, Class 1
Accuracy*	± 10 mm ± 1.5% of depth
Precision*	35mm
Working Range	0.3m~7. 5 meters

Specifications	
Video Compression	H.264 main and high profile , Motion JPEG
Resolution	640 x 480
Video Streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast streams in H.264 and Motion JPEG
Number of streams	2
Maximum Frame Rate	15 fps @ 640 x 480
Video Bitrate	128Kbps – 2Mbps
Security Encryption	Base64 HTTP encryption, HTTPS encryption
Authentication	Digest HTTP authentication, RTSP authentication, DDNS via HTTPS
Address Filter	Yes
Access	Multiple user access levels with password protection
User accounts	10 user accounts available
Metadata	Yes
RTCP Check	Yes
Max number of online users	10 simultaneous users
Multi IP address	Yes
Event Triggers	Audio / Network lost detection / Global Counter / Virtual Input / Metadata
Event actions	FTP / SMTP / HTTP post / SD card / SAMBA / Alarm Output / Push Service / Global Counter / Virtual Input
Log	Event & operation log
Schedule	Support holiday list
CPU, Memory	Embedded Quad-core ARM Cortex-A53 1.0GHz CPU, 2GB LPDDR4X, 8GB e.MMC memory
OS	Embedded Linux 4.9
Video Display	LILIN Universal ActiveX & HTML5

Specifications

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Maintenance	Firmware update via HTTP and IP Scan, available at web site
Languages	English, Traditional Chinese, Simplified Chinese, Russian, Italian, Hungarian, Korean, French, Turkish, Arabic, Spanish, Japanese
Ethernet	10BASE-T/100BASE-TX, RJ-45
Network Protocols	IPv4, TCP, UDP, HTTP, HTTPS, QoS, NTP, DDNS, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, SMTP, Multicast
Network Storage	NAS (Support SAMBA/CIFS)
PC Requirement	Intel® Core ™ i7 or higher grade, Windows 7 or above, 8GB or above, Dedicated Graphics Card
Web browser	Microsoft® Internet Explorer® 9 or above, Microsoft® Edge (IE mode)
Mobile Application	Integrated to LILIN mobile app iPhone, iPad, Android support
Video Management	LILIN Navigator Enterprise 5.0 support, Third party VMS through LILIN HTTP API
SD Card Recording	Support Micro SD/SDHC/SDXC card for circular recording (card is not included)
SD Card Compatible List	Micron - 32GB,64GB,128GB,256GB,512GB, 1TB (SDXC, U1, C10) Transcend - 4GB SD,8GB SDHC,32GB SDHC C10,128GB SDXC C10 SanDisk - 8GB SDHC, 32GB, 64GB, 128GB SDHC C10 Kingston - 64GB SDXC C10"
Audio Input / Output	Audio Input, Mono, 1.98 Vp-p , 2.2KΩ , RCA Jack
Audio	One-way Audio, G.711 u-law / AAC
Alarm Input / Output	Digital 1 Output (MOS Relay contact N.O., Load.max. 40VDC,450mW/300mA,450mW), Terminal block
WiFi	IEEE 802.11 b/g/n/ac RF frequency : 2.4 GHz / 5GHz Antenna : connector for external antennas Encryption : 64/128 WEP, TKIP/AES Authentication : WEP, WPA, WPA2

EDGE AI	
AI (Optional)	Person
Aida processing power capability	Aida power 1 / ch
Recognition speed (per server)	12 (640 * 480) recogs / sec / ch
Zone configuration	Detection zone for bed
Confidence rate	Configurable
Traffic object 100x100 pixels	200 x 200 Pixels
Behavior Detection	Person In-bed, person wake up, bed leaving, fall detection
Notification	SmartEvent triggering, FTP/SFTP, SMTP, HTTP/HTTPs post
3D Point Cloud	640 x 480 / 320 x 240 / 160 x 120 in PCD format
Measurement	Height, depth, distance in feet and meter
Warranty	
Warranty	3 years