Brickcom

3 Megapixel
Outdoor Bullet Network Camera

OB-300Af	Cost Effective / High Resolution

▪ Most Intelligent, Compact and Affordable 3M Outdoor Bullet Camera

▪ Cost Effective/ High Resolution/ Full Features Camera

▪ HDTV Quality (Full HD 1080p @ 30fps Streaming)

▪ Intelligent Multi-Profile Sensor Management® for Different Environments

▪ Removable IR-cut Filter /Auto Light Sensor for Day and Night

▪ Unique Design for Low Lux Application (1/2.5" Sensor)

▪ Built-in Micro SD/SDHC Memory Card Slot for Local Storage

▪ IP66 Outdoor Enclosure

▪ 1 DI/DO for External Alarm and Sensor Device
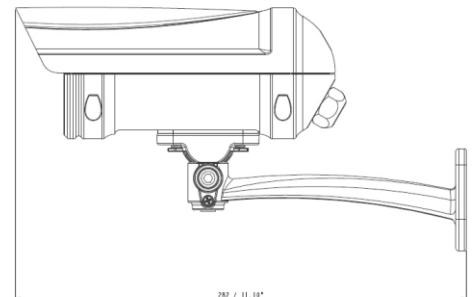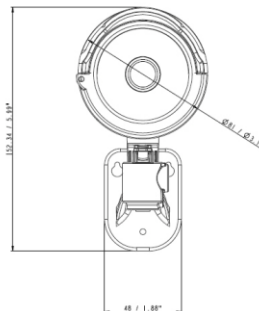
▪ Power over Ethernet

Photo Indication & Dimension Diagram

❶ IR LED
❷ LENS
❸ Light Sensor
❹ RJ45 Connector 1 (For Ethernet and PoE 802.3 af)
❺ Power Connector (DC12V)
❻ Ground
❼ power+5V

❽ Digital Iutput
❾ Digital Output
❿ RS485+
⓫ RS485-
⓬ Line In
⓭ Line In Ground
⓮ Line out
⓯ Line Out Ground

Camera

Hardware System	CPU: 533 MHz Flash: 32M RAM: 256M DDR
Image Sensor	Sensor Type : 1/2.5" CMOS Sensor Sensor Resolution : 2048x1536 pixel
IR Illuminators	Built –In IR Illuminators, effective up to 20 meters IR LED: 35pcs
Day and Night	Removable IR-cut Filter /Auto Light Sensor for Day and Night
Local Storage	Built-in Micro SD/SDHC/SDXC Max.64G Memory Card Slot

Video

Compression Streaming	H.264 / MPEG4 / MJPEG Simultaneous multiple streams
Video Setting	Multi-Profile Sensor Management Day/ Night / Sunset/ User 1/ User 2 Auto Exposure / Gain / White Balance Control Manual Exposure Control:1/20000~1/5s Manual Gain Control: 1X~32X Manual White Balance Control: 2000K~7000K
S/N Ratio	38.1dB
Image Resolution	**3M :** 2048x1536 @ 18fps **2M (1080p Full HD):** 1920x1080 @ 30fps **1M (720p HDTV):** 1280x720@ 30fps

Product Distinction

OB-300Af-DX — Lens Type
1. 4mm, F-1.6
2. 6mm, F=1.6
3. 8mm, F=1.6

Events and Alarm Management

Events	Motion Detection Digital Input Schedule Audio Detection
Alarm	Stream/Snapshot to FTP/Email/Samba/SD-Card Activate Digital Output HTTP/Email Notification Audio Notification

Audio

Audio Streaming	2-way Audio Support
Audio Compression	G.711, AMR (8 kHz, Mono, PCM)
Audio Input/ Output	Line in/ Line out

General

Communication	Ethernet : one 10/100Mbps RJ-45 Supported Protocols : TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, RTP, RTSP, RTCP, IPv6
Power Input	DC12V/ 1A(Power Supply)/ PoE 802.3af
Max. Power Consumption	8 watts

Environment	Operating Temperature:
	  -20°C ~ 50°C(-4°F ~122°F)
	Operating Humidity :
	  10% ~ 80%

Dimension	282 (L) 81 (W) X 152.5 (H) mm
Weight	Net: 855g/1.89lb
Housing	Weather-proof IP66
Certification	FCC, CE
Viewing System Requirements	OS: Microsoft Windows 7/Vista/XP/2000 Browser: Mozilla Firefox, Internet Explorer 6/7 or above, Safari, Google Chrome Cell Phone: 3GPP player Real Player: 10.5 or above Quick Time: 6.6 or above VLC
Warranty	Limited One-year warranty

Lens Spec

OB-300Af	f=4mm	f=6mm	f=8mm
Lens Type	Board Lens	Board Lens	Board Lens
F Number	F=1.6	F=1.6	F=1.6
Minimum Illumination	0 lux (IR ON, B/W) 0 .1lux (IR OFF, B/W) 0.2 lux (F1.6, Color)	0 lux (IR ON, B/W) 0 .12lux (IR ON, B/W) 0.22 lux (F1.6, Color)	0 lux (IR ON, B/W) 0 .25lux (IR ON, B/W) 0.35 lux (F1.6, Color)
FOV(H/V/D)	66°/49°/85°	43°/32°/53°	32°/23°/40°

Work Best With

Network Equipment Options

POE   16U
PoE Injector

PS-588I
8-port 10/100M PoE Fast Ethernet Switch

PS-7242IL-AF
24-port 10/100M PoE Web Smart Ethernet Switch

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