

## VIDEO CONFERENCING SOLUTION



### GLAD-VA1000

#### Portable Conferencing Cam with Mic And Speaker

##### Specifications

- 2.5mm Wide Angle Lens Compact All-In-One Design
- Plug & Play USB Connectivity
- 1/2.7 CMOS Sensor (Sony IMX307)
- Crystal Clear HD1080P Image Quality Built-In 2 Omni Directional Microphones
- 120° Wide Field Of View With No Distortion



### GLAD-T200

#### Portable Conference Cam with Mic

##### Specifications

- High Resolution HD 1080P (HD720P/VGA) CMOS Sensor
- Video Mode: MJPG & YUY2
- Interface: 2.0/ 1.1 Port
- Transmission Rate: (640\*480) 30F/S ; (1280\*720) 30F/S ; (1920\*1080) 30F/S
- Signal-Noise Ratio: Larger Than 48dB
- Dynamic Range: Larger Than 72dB

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## Technical Details

### CAMERA

- Smooth Motorized Pan, Tilt And Zoom, Controlled From Remote Or Console
- Pan : 250° Tile: 60°
- 10x Loss Less HD Zoom
- 90° Field of View
- Full HD 1080p 30fps
- H.264/H.265 video compression
- Auto focus
- 3 camera presets
- Far End Control (PTZ) Of Conference Cam
- 1/2.8 Inch High Quality CMOS Sensor
- 2.07 megapixel
- 2D & 3D DNR
- IR remote control
- F:4.7mm ~ 47mm

### SPEAKERPHONE

- Frequency Response: 100Hz ~ 22KHz
- Acoustic Echo cancellation(AEC) >65dB
- Echo length cancellation 400ms
- Bidirectional noise compression <25dB
- Ultra-wide band audio
- Bluetooth wireless technology
- Touch Controls For Call, Answer/End, Volume And Mute, Bluetooth Wireless Enabled - Plus Camera PTZ, "Home" Preset And Far End Control Microphones
- 4 omni-directional microphones supporting 6m/20ft diameter range(VA3000)
- 2 Expansion miss support 10m/33ft diameter(VA3000E)
- Frequency response: 100Hz - 2210-4z Max output: 95dB
- Distortion: <5% from 200Hz

### HUB/ CABLE

- Central Mountable Hub For Connection Of All Components
- Included adhesive solution for under-table mounting
- Two cables for connection between hub and Camera/Speakerphone(Length:5m/16ft)
- One USB cable for connection to PC/Mac (Length: 3m/9.9ft)
- DC Power Adapter (Length 3m/9.9ft)
- Dual purpose mount for wall placement or for elevating the camera on a table compliance and tools
- USB 2.0 compliant
- UVC-compliant video and audio for broad application compatibility.

## Product Specifications

### SYSTEM REQUIREMENTS

- Windows 7.81 Or 10,Mac Os X 10.7 Or Higher, Android, Linux
- Note: for Full HD Support, Please Check With Your Software Application Provider For System Requirements
- Software application provider for system requirements.

### INSIDE THE BOX

- Speakerphone
- HD PTZ Camera
- Hub
- Remote Control
- 5m DIN6 Cable.2 Pcs
- 3m USB Cable Pcs
- Power supply

### PRODUCT DIMENSIONS

- Camera Size: 151mmx131mmx154mm (LxWxH)
- Speakerphone Size. 200mmX200mmX52mm(LxWxH)
- Hub Size: 100mmX62mmX27mm(LxWxH)
- Group Size: 430mm\*257mm 166mm
- Product weight:2.95kg

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Model	GLAD-VA1000	GLAD-T200
Effective Image Range	2.5mm~infinity(2.1Mega pixel)	0.3 meters ~ infinity
Optical Image Range	Sensor:1/2.7 CMOS (Sony IMX307 )	1.5 to 5 meters
Viewing Angle Range	120°	65°
Focus Mode	Autofocus	Autofocus
Encoding Format	MJPEG/YUY2	MJPEG
Video Resolution	1920*1080 ,1280*720 640*480 320*240	1920*1080 ,1280*720 640*480 320*240



Video Frame Rate	Max 30fps(MJPG)	20~30 fps
Signal to Noise Ratio	>-33dB ( MAX)	>-39dB ( MAX )
Gain / Gain Control	Auto	Auto
White Balance	Auto	Auto
Exposure Control	Auto	Auto
Microphone Form	2 Built-in microphone+ speaker	Built-in Microphone+ speaker
Pickup Distance	Normal Speech within 4 meters	Normal Speech within 3 meters
Signal to Noise Ratio	>- 65dB	>- 65dB
Audio Coding Format	Support PCM coding	Support PCM coding
Audio Bit Rate	16K@16bit	16K@16bit
System Support	WINXP/7/8/10/mac os/Android	WINXP/7/8/10/mac os/Android
Interface	USB direct power supply, 5V	USB direct power supply, 5V
System Support	21*5.3*5.4mm	11*12*5cm
Interface	330g	179g



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Model	GLAD-NV4K	GLAD-NV3U	GLAD-NV10U	GLAD-NV20U
Sensor	1/2.1"HD colour CMOS	1/2.7"1-1D colour CMOS	1/3'SONY HD CMOS	1/3' Exmor CMOS
Effective pixel	8.29 Mega pixel	2.1 Mega pixel (16:9)	2.1 Mega pixel (16:9)	2.1 Mega pixel (16:9)
Video output pixel	4K(3840x2160),2K(2560x1440) 1080P(1920x1080)	1080P 25/30,720P 25/30, 800x600,640x480	1080P 25/30,720P 25/30, 800x600,640x480	1080P 25/30,720P 25/30, 800x600,640x480
Zoom	Fixed focus 138 ° Wide angle	3x zoom	10x zoom	20x zoom
Lens	f=2.1mm	f=3.35 ~10.05mm F=1.6	f=5.0mm ~ 50.0mm F1.8(W) ~2.1(T)	f=5.0mm ~ 50mm F1.8(W) ~ 2.1(T)
Horizontal angle	D 138°, H : 120°,V : 100°	Near-end 128° ~ Far-end 37°	Near-end 51.3°~ Far-end 4.64°	Near-end 55.5° ~ Far-end 3.0°
Video output	USB			
Video resolution	4K(3840*2160)	1080P(1920*1080) 720P(1280*720)		
Signal standard	NTSC/PAL			



Control Parameters	
Preset position	IR remote control supports 9 presets, PELCO Protocol supports 256 presets
P/T movement range	Pan±175°      Tilt-35°~ +55°
Pan/Tilt speed	100°/S, 80°/S
Control terminal	USB , RS-232C , RS-485
Control protocol	VISCA , PELCO-D , PELCO-P ( RS-232 , RS485 )
Conventional Parameters	
Power supply	DC12 V/ 2A
Power consumption	12 W
Work temperature	0°-4-50°
Work humidity	0-95% RH
Product size	162*172*175mm / 257*220*210(before/after packing)
Product weight	1.5kg / 2.85kg(net/gross weight)
Colour	Iron Gray
Accessories	DC 12Vpower adaptor, IR remote control, manual, USB cable, Brackets & screws



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Model	GLAD-NV10A	GLAD-NV20A
Sensor	1/2.9"SONY HD CMOS	1/3" SONY HD CMOS
Effective pixel	2.1 mega pixel	2.1 mega pixel
Video output pixel	1080P60/50/30/25, 1080i60/50,720P60/50	1080P60/50/30/125, 1080i60/50,720P60/50
Zoom	10x zoom	20x zoom
Lens	f=5.5mm ~ 50.0mm	f=5.35mm ~107mm
Horizontal angle	near-end 51.8° far-end 5.86°	near-end 54.7° far-end 3.3°
Video output	USB,SDI, HDMI (convertible to DVI-I)	
Video resolution	1080P/720P	
Signal standard	NTSC/PAL	



Control Parameters	
Preset position	IR remote control supports 9 presets, PELCO Protocol supports 255 presets
P/T movement range	-170°- 170° -30°~90°
Pan/Tilt speed	100° /S, 80°/S
Control terminal	RS-232, RS-485, RS-422
Control protocol	VISCA, PELCO-D , PELCO-P (RS-232 , RS485)
Conventional Parameters	Conventional parameters
Power supply	DC12 V/ 2A
Power consumption	12 W
Work temperature	0°~+50°
Work humidity	0~95% RH
Product size	260*175*180mm / 296*255*238(before/after packing)
Product weight	1.6kg / 2.9kg(net/gross weight)
Color	Black
Accessories	DC 12Vpower adaptor, IR remote control, manual, RS232 cable, USB 3.0/DVI turn to HMV' cable, Brackets & screws



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Model	GLAD-NA100
Meeting room	10-15m2
Participants	3-5
Microphone Parameter	
Pickup range	3M
Response frequency	100Hz-8KHz
Built-in microphone	3
Bluetooth	x
Horn	
Max output	85dB
Horn response frequency	100HZ-22KHz



Audio Frequency	
Full duplex	✓
Noise suppression	✓
Automatic gain control	✓
Appearance Parameter	
Product size	135(L)x 135(W)x 30(H)mm (before and after packaging)
Product weight	0.28kg/0.5kg (Net weight/ Gross weight)
Accessories	USB cable, Manual, QC Certificate
Operating Environment	
Interface	U5132.0 full speed interface ,3.5mm interface
Operating system	Windows, Mac OSX, Android, Linux
Power supply	USB:5 V DC @ 300 mA Maximum
Work temperature	5°C - 40°C
Storage temperature	-30°C-55°C
Certificate	FCC / CE / RoH



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Model	GLAD-A3000
Meeting room	20-60 m2
Participants	10-20
Microphone Parameter	
Pickup range	5m
Response frequency	100Hz-22KHz
Built-in microphone	4
Bluetooth	X
Expansion mics (Optional)	✓
Wireless receiver	X
Horn	

Max output	95dB
Horn response frequency	100Hz-22KHz
Audio Frequency	
Full duplex	✓
Noise suppression	✓
Automatic gain control	✓
Appearance Parameter	
Product size	180mmx180mmx42mm / 355mmx265mmx120mm (before/after packaging)
Product weight	600g/1200g (Net/Gross weight)
Accessories	USB cable(5m), Manual, QC Card, 3.5mm audio cable
Operating Environment	
Interface	USB Interface, RJ45 EX1, EX2, I/O Line in/out, DIP6 interface
Operating system	Windows, Mac OSX, Android, Linux
Power supply	USB Power Supply(5V/500m)
Work temperature	0°C - 40°C
Storage temperature	30°C ~55°C
Certificate	FCC / CE / RoH

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