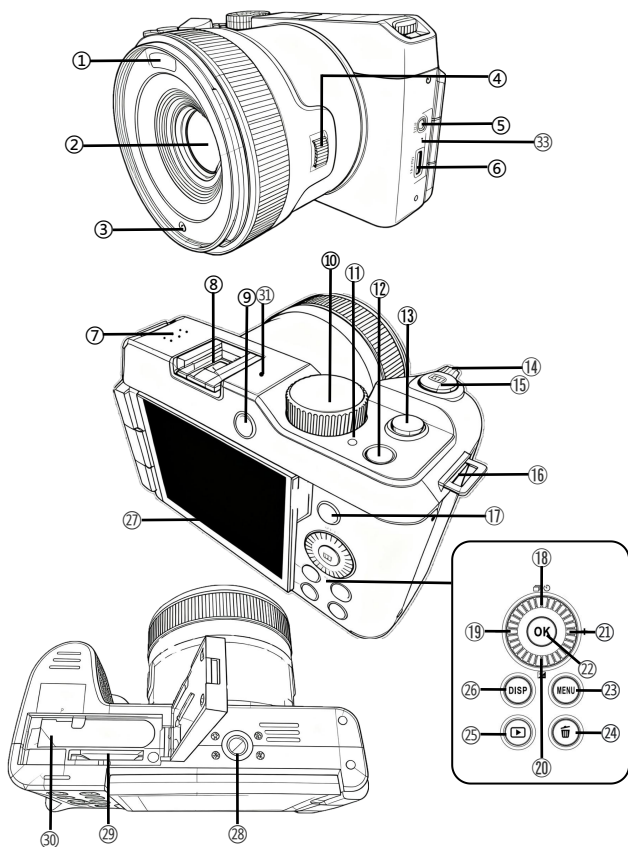


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Component Introduction

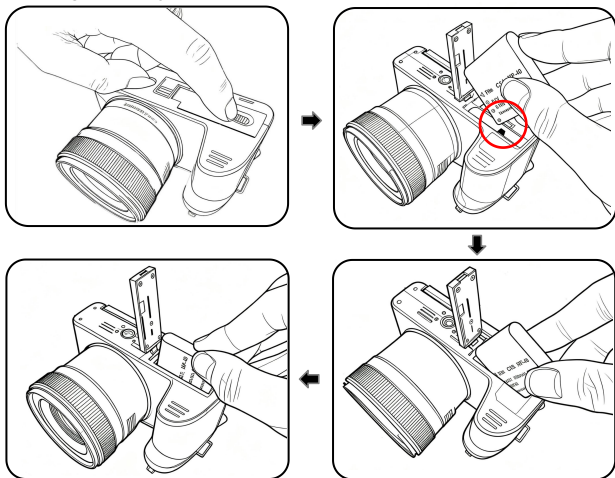


①	LED Light	The LED fill light (or flash) function is accessible within the Photo Mode Menu.
②	Lens	Framing.
③	AF auxiliary light	Auxiliary focusing.
④	AF/MF Toggle Switch	The AF/MF toggle switch allows you to select between the AF+MF and MF focusing modes. When switched to AF+MF: You can use the Up/Down Buttons to perform manual focusing while the camera simultaneously auto-focuses upon a half-press of the Shutter Button. When switched to MF: Use the Up/Down Buttons to perform manual focusing.
⑤	3.5mm MIC Interface	Access to external microphones.
⑥	TYPE-C USB Interface	External USB cable.
⑦	Speaker	Play sound.
⑧	Hot Shoe Interface	Mount hot shoe products.
⑨	AEL/AFL Button	Locks the current focus and exposure values.
⑩	Mode Dial	Switches the operating mode.
⑪	Working indicator light	light always on: Standby; light continuously flashing: In the recording; light flashes once: take a photo;
⑫	POWER Button	Power On/Off.
⑬	Video Button	Start/Stop Recording.
⑭	T/W Zoom Button	In video/Photo Mode, pull left/right to zoom in/out; In playback, pull left to switch to grid preview.
⑮	Photo Button	Two-stage Button, tap to focus and press to photo in photo mode.
⑯	Strap Mounting Hole	Install adjustable strap.
⑰	Shortcut function Button	Enter the shortcut function menu.
⑱	Up/Drive Mode Button	In standby : enter the burst/self-timer option; In the function menu: Select the function upwards.
⑲	Left Button	In the function menu: Select function to the left.
⑳	Exposure Button	In standby: enter the exposure value option; In the function menu: Select the function downwards.
㉑	Right Button	In the function menu: Select function to the right.
㉒	Confirm Button	In P (Program Auto) / S (Shutter Priority) /

		 (Macro) /  (Video) standby preview mode: Access Effect, Contrast, Saturation, and Sharpness options. In SCN (Scene) standby preview mode: Access Scene Selection. While inside the Function Menu: Confirm the selected function. When playing back a video: Start/Pause playback.
㉓	MENU Button	In standby: enter the function menu; playing a video: stop playing.
㉔	Delete Button	Delete recent files..
㉕	PLAYBACK Button	Enter the playback mode.
㉖	DISP Button	Press to switch screen display mode.
㉗	IPS Touch Panel	Screen preview and video/photo playback.
㉘	1/4 Tripod Socket	Tripod installation.
㉙	SD card slot	Insert the SD Card.
㉚	Battery Compartment	Load Battery.
㉛	Microphone	Records sound.
㉜	Model Label	Contains information such as the model number and SN (Serial Number).
㉝	Charging indicator light	Light always on: During charging, it turns off when fully charged.

Installation of Battery and Charging

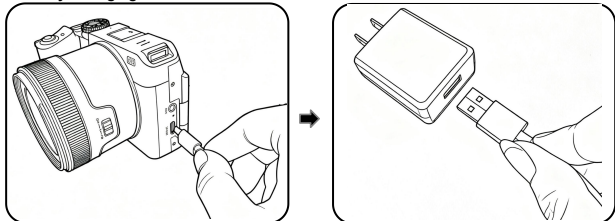
• Installing the Battery



Slide the battery compartment switch to the left to open the battery cover.

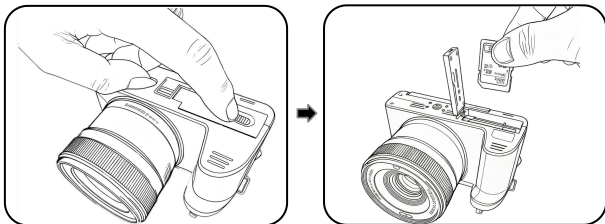
Using a corner of the battery, push the battery compartment latch to the right. Insert the battery along the compartment track. Once the battery is fully in place, the battery compartment latch will automatically secure the battery, preventing it from popping out. Close the battery cover.

• Battery Charging



Take out the USB cable and the power adapter (optional). Connect the USB cable's Type-C end to the camera's USB port and the other end to the power adapter. Finally, plug the power adapter into a wall outlet.

Insert the memory card

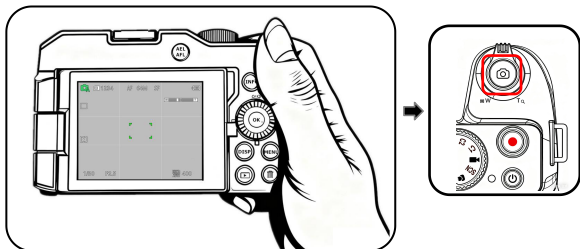


Slide the battery compartment switch to the left to open the battery cover. Insert the memory card straight into the memory card slot. You will hear a "click" when the card is fully seated. Finally, close the battery cover.

- When using the memory card for the first time, please be formatting on the camera.
- A U3 256GB memory card is recommended, and any memory card below U3 may not function properly.

Mode of use

AUTO	Photo Mode: Fully Automatic Shooting, In this mode, the camera automatically adjusts all parameters.
P (Program Auto)	Photo Mode: Program Auto In this mode, you can manually adjust the exposure compensation.
S (Shutter Priority)	Photo Mode: Shutter Priority In this mode, you can manually set the shutter speed, and the camera will automatically select the corresponding aperture.
 (Marco)	Photo Mode: Macro Used for shooting close-up details.
SCN (Scene)	Photo Mode: Scene Selection You can manually select a suitable scene mode, and the camera will automatically adjust parameters. Built-in scene modes include Landscape, Portrait, Sports, Night Portrait, Night, Food, Sunset, Backlight, and High Sensitivity
 (Video)	Video Mode: Used for recording videos.
C1 (Custom)	Photo Mode: Custom Settings (C1/C2/C3/C4) These four modes are Custom Modes used for presetting parameters. You can save multiple sets of parameters (such as ISO, exposure value, white balance, etc.) from the P (Program Auto) or S (Shutter Priority) modes into the C1/C2/C3/C4 modes, allowing for one-touch switching to the saved preset parameters when needed.
C2 (Custom)	
C3 (Custom)	
C4 (Custom)	



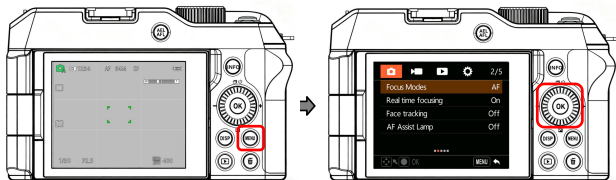
Hold the camera steady and lightly press (half-press) the [Photo Button] to autofocus. A green focus box appearing on the screen indicates correct focus. Then, press down fully (full-press) the [Photo Button] to take the picture.

The AF+MF switch allows you to change the focus mode.

When switched to AF mode (Autofocus): You can manually fine-tune the focus by pressing the Up/Down Buttons while simultaneously half-pressing the [Photo Button] to engage autofocus.

When switched to MF mode (Manual Focus): You manually adjust the focus solely by pressing the Up/Down Buttons.

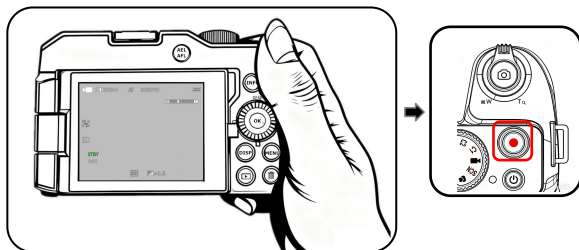
• Photo function menu



In the preview screen, a short press of the Menu Button enters the menu list. Use a short press of the Up/Down/Left/Right Buttons to switch between functions and lists. Short press the Menu Button again to exit the menu list.

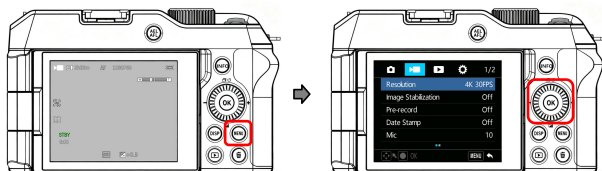
Usage Mode	Function Name	Function Description
P/S	Custom	You can save the current parameters to any of the C1/C2/C3/C4 modes. Afterward, switching to the designated mode via the Mode Dial will directly activate the saved parameters.
C1/C2/C3/C4	Custom Reset	The saved parameters can be cleared and restored to their default settings.
AUTO/P/S/Marco/ SCN/C1/C2/C3/ C4	Resolution	72M/64M/56M/48M/36M/30M/20M/13M/ 10M/8M/5M/3M/2M
AUTO/P/S/Marco/ SCN/C1/C2/C3/ C4	Quality	Super Fine/Fine/Normal
AUTO/P/S/Marco/ SCN/C1/C2/C3/ C4	Photo Ratio	4:3/16:9
AUTO/P/S/Marco/ SCN/C1/C2/C3/ C4	Time Stamp	Off/Date/Date&Time
AUTO/P/S/Marco/ SCN/C1/C2/C3/ C4	Focus modes	AF (Autofocus): When the [Photo Button] is half-pressed, the focus frame will appear. The focus is correctly set when the frame turns green. AF+MF (Autofocus + Manual Focus): When the [Photo Button] is half-pressed, the focus frame will appear. The focus is correctly set when the frame turns green. At the same time, you can also manually adjust the focus using the Up or Down Buttons. AF+MF2 (Autofocus + Manual Focus 2): When the [Photo Button] is half-pressed, the focus frame will appear. The focus is correctly set when the frame turns green. Additionally, the screen will automatically magnify 2x, and you can also manually adjust the focus using the Up or Down Buttons.
AUTO/P/S/Marco/ SCN/C1/C2/C3/ C4	Real Time Focusing	Off/On
AUTO/P/S/Marco/ SCN/C1/C2/C3/ C4	Face Tracking	Off/On
AUTO/P/S/Marco/ SCN/C1/C2/C3/ C4	AF Assist Lamp	Off/Auto
P/S/Marco/C1/C2 /C3/C4	White Balance	Auto/Daylight/Cloudy/Tungsten Light/Fluorescent(H)/Fluorescent(L)/Color Temperature

P/S/Marco/C1/ C2/C3/C4	Filter Style	Standard/Natural/Vivid/Monotone/High Contrast B&W/Negative/High Contrast/Retro/CCD/Warm Colors/Cold Colors/Red Tone/Green Tone/Blue Tone/Yellow Tone
P/S/Marco/C1/ C2/C3/C4	Soft Skin Effect	Off/Low/High
AUTO/P/S/Marco/ SCN/C1/C2/C3/C4	WDR	Off/On
P/S/Marco/C1/ C2/C3/C4	Exposure Compensatio n	-3.0 ~ +3.0
P/S/Marco/C1/ C2/C3/C4	ISO	Auto/100/200/400/800/1600/3200
P/S/Marco/C1/ C2/C3/C4	Metering Modes	Average/Center/Spot
AUTO/P/S/Marco/ SCN/ C1/C2/C3/C4	Flash Mode	Off/LED Light/Auto Flash/Fill Flash
AUTO/P/S/Marco/ SCN/ C1/C2/C3/C4	Drive Mode	Single Shootings/Continue Shootings:3/Continue Shootings:5/Continue Shootings:7/Self-timer:2 sec/Self-timer:5 sec/Self-timer:10 sec
AUTO/P/S/Marco/ SCN/ C1/C2/C3/C4	Interval Timer Shooting	Off/3 Sec/5 Sec/10 Sec/30 Sec/1Min
AUTO/P/S/Marco/ SCN/ C1/C2/C3/C4	Interval Mode Duration	This feature requires enabling "Interval Timer Shooting": Unlimited / 5 min / 10 min / 15 min / 20 min / 30 min / 60 min
AUTO/P/S/Marco/ SCN/C1/C2/C3/C4	Image Stabilization	Off/On



Hold the camera steady and lightly press (or half-press) the [Photo Button] to autofocus. A green focus box appearing on the screen indicates correct focus. Then, briefly press the [Video Button] to start/stop recording.

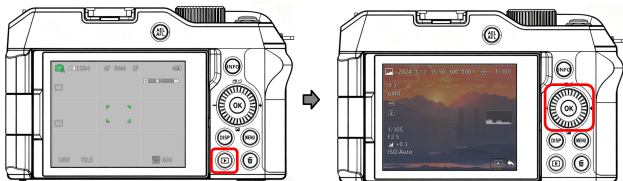
• Video function menu



In the preview screen, a short press of the [Menu Button] enters the menu list. Use a short press of the Up/Down/Left/Right Buttons to switch between functions and lists. Short press the [Menu Button] again to exit the menu list.

Resolution	5K30/4K60/4K30/2.7K60/2.7K30/1080P120/1080P60/1080P30/720P120/720P60/720P30
Image Stabilization	Off/On
Pre-record	Off/On
Time Stamp	Off/Date/Date&Time
Microphone	1 ~ 20
Slow Motion	Off/1080P 2X/720P 2X
Loop Record	Off/1 Min/3 Min/5 Min
Time-Lapse Video	Off/1 Sec/3 Sec/5 Sec/10 Sec/30 Sec/1 Min
Duration	This feature requires enabling "Time-Lapse Video": Unlimited/5 Min/10 Min/15 Min/20 Min/30 Min/60 Min

PlayBack



Press the 「Playback Button」 briefly in the preview interface to enter the playback interface.

Browsing Photos:

Switch files by pressing the Left/Right Buttons briefly.

Toggle the 「W zoom Button」 to switch to the thumbnail grid view.

Toggle the 「T zoom Button」 to zoom in on a photo. Then, use the Up/Down/ Left / Right Buttons briefly to pan and browse the enlarged photo.

Press the 「Menu Button」 briefly to exit the zoomed-in photo view.

Playing Videos:

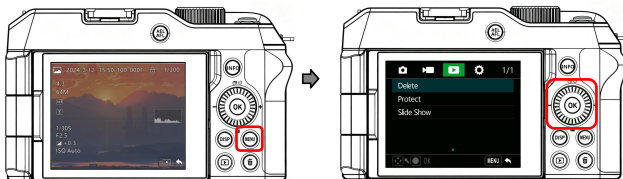
Switch files by pressing the Left / Right Buttons briefly.

Press the 「Confirm Button」 briefly to start/pause playback.

During playback, press the Up/ Down Buttons briefly to adjust the volume.

Press the 「Menu Button」 briefly to stop playback.

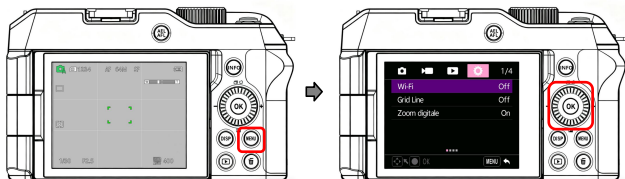
• PlayBack function menu



In the preview screen, a short press of the 「Menu Button」 enters the menu list. Use a short press of the Up/Down Buttons to switch between functions and lists. Short press the 「Menu Button」 again to exit the menu list.

Delete	Single/All
Protect	Protect this file/Unprotect this file/Protect all/Unprotect all
Slide Show	2 Sec/5 Sec

System settings



In the preview screen, a short press of the 「Menu Button」 enters the menu list. Use a short press of the Up/Down/Left/Right Buttons to switch between functions and lists. Short press the 「Menu Button」 again to exit the menu list.

Wi-Fi	Off/On
Grid Line	Off/White Line/Yellow Line/Red Line
Hybrid zoom	Off/On
Sounds	Shutter/Boot-up/Beep/Volume
Date&Time Setup	Date&Time Settings
Time Style	YYMMDD/MMDDYY/DDMMYY
Language	13 Language
Screen Brightness	Low/Middle/High
Screen Saver	Off/1 Min/2 Min/3 Min
Auto Power Off	Off/5 Min/10 Min
Light Frequency	50HZ/60HZ
Format Card	Yes/No
Factory Reset	Yes/No
Version	Current software version

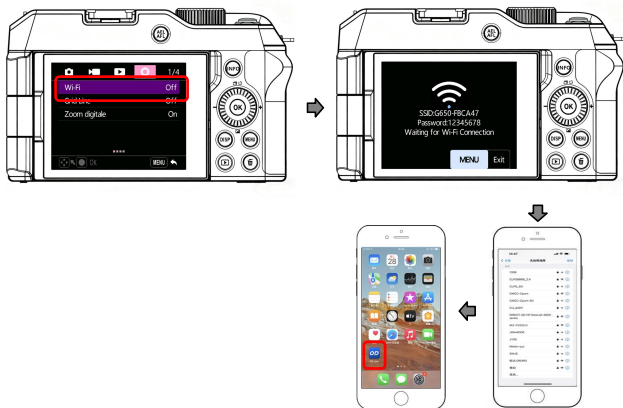
APP

• Download And Install The App

- 1 Scan the QR code below to download and install directly on the phone.
- 2 Search and install "OD CAM" directly through the App Store or mobile app store.



• Connect Wi-Fi



- 1 From the preview interface, briefly press the 「Menu Button」 to enter the menu list. Briefly press the 「Right Button」 to switch the menu to the System Settings menu. Briefly press the 「Confirm Button」 to select the Wi-Fi function. The Wi-Fi interface will display the Wi-Fi name and password.
- 2 On your phone, open the Settings menu and navigate to the Wi-Fi function. Find the camera's Wi-Fi name, G650-XXXX, and enter the default Wi-Fi password, 12345678, to connect.
- 3 Return to your phone's home screen, open the previously downloaded and installed app "ODCAM", and tap "Connect Device" to begin using it

- ❗ •For Android users, please select 『Yes』 for all possible questions like 『Allow the App to obtain the permission?』
- The Wi-Fi function is point-to-point wireless connection within effective distance. The maximum distance is about 6m. Please use the function within the effective distance.
- Because of various phone brands or configurations, the process to enter the main interface may be slow or the connection may fail. Please try the connection process again.

Q&A

Q1: A video may be automatically divided into several files. How can I combine them into one?

A1: You can combine them by using a video combiner in your computer. You may search [Boilsoft Video Joiner] on Google.com to download it .

Q2: Which operating systems or mobile phones is the App compatible with?

A2: The App is compatible with the following operating systems:

Android: Android 5.0~18.0;

iOS: iOS 9~26;

Regardless of the systems it is compatible with, the stability of the App depends on the configurations of the phone as well as network conditions. The App is not Applicable to computers.

Q3: Why does my Android phone always fail in connecting to the App?

A3: After successfully connecting your phone to the Wi-Fi, please select [Yes] in case it prompts [Wi-Fi is not connected to the Internet. Will you continue using it?]

Faults And Solution

Fault	Possible Cause and Solution
Failure to switch on	●The Camera has low battery. Please recharge it immediately. ●Check whether the operating environment temperature is within 0~40°C.
Failure to switch off	●If the ambient temperature is high or the Camera is used for an extended period, it may have excessively high temperature. Please wait a moment .
Automatic shutdown	●It's normal that the Camera automatically shuts down after standing by for three minutes. ●Check whether the operating environment temperature is within 0~40°C. ●If the Camera is used for an extended period, it may have excessively high temperature. Please wait a moment and switch it on after it cools down.
Rapid battery drain	●Battery performance degrades in low temperature. Please use it after it is preheated. ●The battery is not fully charged. Please recharge it. ●The battery is reaching the end of its usable life, please buy a new battery.
Wi-Fi signals are unstable	●The distance is too long. Please use it within 6m (effective distance). ●The Camera has low battery. Please recharge it immediately. ●The wireless signals are interfered because the Camera is placed on a metal table or stand. Keep it away from metal. ●The Wi-Fi signals of the phone are weak. Please use another phone.
Video voice is too low	●The sound equipment is poor or the volume is not properly adjusted. Please use other equipment or adjust the volume. ●The distance to the sound source is too long. Please record your videos within 5m (effective distance).

Technical Specifications

Sensor	Sony 13.0MP CMOS sensor
Aperture and focal length	F.no 2.0 ~ 3.1 f : 4.90mm~59mm
Screen	2.8"IPS High -Definition screen
Zoom	12X Optical zoom
Photographing distance	Wide: 0.3m~INF : Tele: 1m~INF
File format	Video: MP4 Photo: JPEG
Video Resolution	5K(5210*2880) : 30fps 4K (3840*2160) : 60fps/30fps 2.7K (2688*1512) : 60fps , 30fps 1080P (1920*1080) : 120fps , 60fps , 30fps 720P (1280*720) : 120fps , 60fps , 30fps
Photo Pixel	72M/64M/56M/48M/36M/30M/20M/13M/10M/8M/5M/3M/2M
Memory medium	SDHC memory card/SDXC memory card UHS-III,256GB (maximum)
LED/Flash	Built-in
Microphone	Built-in
Speaker	Built-in
Wi-Fi	Built-in
USB	Type-C USB 2.0
Hot Shoe	Built-in
Computer OS	Windows 7/8/10/11 Mac OSX10.5 and above
Mobile OS	Android 5.0 and above; iOS 9.0 and above
Power input	DC5V/2A Type-C USB
Dimensions	L 122mm W 87mm H 71mm
Weight	373±5g(Excluding battery)
Working temperature	0 ~ 40℃

Safety	Warning
❶ Do not use the product in case it has any damage, fault, or unusual conditions like smoke, abnormal sound, peculiar smell. ❷ Do not expose it to anywhere with high or low temperature, humidity, or strong vibration, for this may result in any fault or fire. ❸ Do not use any corrosive chemicals or solvent to clean the product. ❹ Do not disassemble, repair, or transform the product without authorization. ❺ Do not operate it for a long time while it's being charged. ❻ Do not let magnetic objects such as magnets Approach the product to avoid faults and data loss.	❶ Prevent dust or dirt from entering the slot and USB port. Promptly wipe off or remove them in case of such condition to avoid conditions like poor contact. ❷ Keep the product, accessories, and packing materials out of the reach of children to avoid possible suffocations. ❸ Do not use any USB cable other than the accessories. Use the USB cable specified only and pay attention to the followings: · Do not damage or process the USB cable. · Do not heat, pull, or bend the USB cable to avoid possible fire or electric shock.

The pictures in the manual are for your reference only. The actual product may vary.

We reserve the ultimate power of interpretation. Any changes to the data and parameters herein may be made without further notice.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency

energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which

can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void

your authority to operate this equipment. This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be located or operating in conjunction with any other antenna or transmitter.



FCC ID: 2ALYUG650