VIOTEK®

GN320Q

ULTRASLIM BORODERLESS QHD MONITOR

USER'S MANUAL

VIOTEK

Read and observe the following warnings and information below.

Safety Precautions and Maintenance

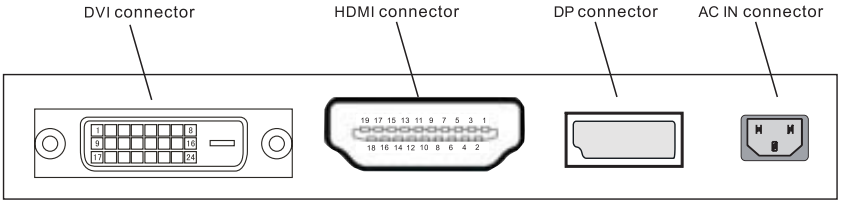
1. Before cleaning, always unplug your monitor. It is recommended to use dry cloth or lightly damp cloth to clean your monitor. Dry cloth is, however, the safest. If using damp cloth, wait for your monitor to completely dry before plugging it in again.
2. Do not use alcohol or ammonia-based cleaner and/or liquids to clean your monitor.
3. This monitor features ventilation openings on the back of the unit. Avoid blocking these openings to prevent the monitor from overheating.
4. Avoid placing this monitor near any heat sources e.g. portable heaters or heating vents, as this may cause damage to your monitor.
5. Do not spray cleaner and/or any kind of liquid directly onto the monitor's screen or any part of the monitor.
6. Do not insert anything into any part of the monitor especially the ventilation openings.
7. Always make sure your monitor is placed on a secure, level surface to prevent it from falling and sustaining damage.
8. Unplug your monitor during any extended periods of non-use.
9. Do not place heavy items on the monitor or monitor cables.
10. Do not attempt to dissemble the monitor or remove parts from the monitor. Any disassembly or modification etc. not performed by an authorized technician can result in damage to the monitor and/or possible exposure to high voltage electricity which may lead to serious injury or death.

Viotek shall not be held responsible for injury or damage of products or persons due to failure to adhere to the aforementioned precautions or any others noted hereafter.

Box Contents
1x Monitor
1x Adapter
1x DP Cable
1x User manual

Basic Setup

1. Insert one end of the DP cable into your PC's graphics card. DVI / HDMI may also be used.
2. Connect the other end of the video cable to the corresponding connector on your monitor. See the image below.



3. Connect the power cable to your monitor then connect the other end to your power source such as a wall outlet or surge protector. It is recommended to use a surge protector.
4. Locate the power button and press it to turn the monitor on.

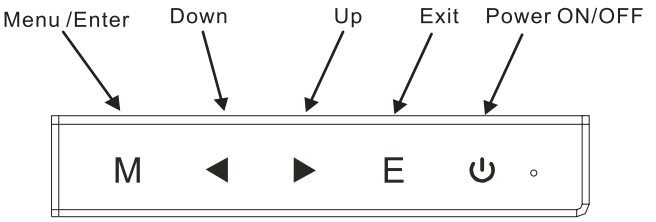
Note: If you cannot locate the power button on the monitor, please refer to the Control Panel section on the next page.

Indicator Light
This light is located on the front of the monitor.

Solid blue light indicates the power is on and the monitor is operating normally. Flashing blue light indicates no video source has been detected. Please ensure your PC is on and all video cables are fully inserted and/or connected.

Control Panel

The Control Panel is located at the corner of the monitor. Its labels are on the front of the monitor while its buttons are directly under the labels on the bottom edge. The Control Panel is used (1) to turn the monitor on and (2) in combination with the OSD Menu to adjust the monitor settings. Review the images below for information about this panel.



Menu/Enter: Opens the main menu of the OSD
Down: Moves down/lower while navigating
Up: Moves up/higher while navigating
Exit: Exits the current menu screen and returns to the main menu or closes the menu if currently on the main menu screen
Power: Turns the monitor on or off

Note: The Down and Up buttons may be mapped to keyboard hotkeys if desired.

OSD Menu

The On-Screen Display (OSD) Menu may be used to adjust your monitor's settings and appears on screen after turning on the monitor and pressing the Control Panel's Menu/Enter Key.

Note: When using the monitor for the first time, settings will automatically adjust to optimal settings according to your computer's configuration and parts etc.

On-Screen Display (OSD) Menu Function Descriptions

Tier I menu items	Tier I menu icons	Tier II menu items	Tier II menu icons	Tier III menu items	Tier III menu icons	Description
Brightness		N/A	N/A	N/A	N/A	Adjust display brightness
Contrast		N/A	N/A	N/A	N/A	Adjust display contrast
Dynamic contrast		Activate	ON	N/A	N/A	Activate dynamic contrast
		Inactivate	OFF	N/A	N/A	Inactive dynamic contrast
		Return		N/A	N/A	Return to the previous menu
		Exit		N/A	N/A	Exit from the whole menu
Preset mode		Standard		N/A	N/A	Normal work mode
		Movie	MOVIE	N/A	N/A	Movie mode
		FPS	FPS	N/A	N/A	FRS game mode
		RTS	RTS	N/A	N/A	RTS game mode
		EyeSaver		N/A	N/A	Eye protection ray filter application mode
		Return		N/A	N/A	Return to the previous menu
		Exit		N/A	N/A	Exit from the whole menu
Color setup (color temperature)		Cold color		N/A	N/A	Set as cold color temperature
		Warm color		N/A	N/A	Set as warm color temperature
		User setup		Red	R	Fine tuning of red color temperature
				Green	G	Fine tuning of green color temperature
				Blue	B	Fine tuning of blue color temperature
		sRGB	sRGB	N/A	N/A	Set to sRGB mode (this needs the support of the monitor)
		Adobe RGB	RGB	N/A	N/A	Set to Adobe RGB mode (this needs the support of the monitor)
		Return		N/A	N/A	Return to the previous menu
		Exit		N/A	N/A	Exit from the whole menu
Picture aspect ratio		Auto	AUTO	N/A	N/A	Automatically adjust picture aspect ratio
		16:9		N/A	N/A	Picture in 16:9 mode
		4:3		N/A	N/A	Picture in 4:3 mode
		Return		N/A	N/A	Return to the previous menu
		Exit		N/A	N/A	Exit from the whole menu
Input source		DVI	DVI	N/A	N/A	DVI (digital) signal input
		HDMI	HDMI	N/A	N/A	HDMI (digital) signal input
		DP		N/A	N/A	Display port (digital) signal input
		Return		N/A	N/A	Return to the previous menu
		Exit		N/A	N/A	Exit from the whole menu

Adjust		Picture automatic adjust		N/A	N/A	Automatically adjust the horizontal/vertical location, focusing and clock of pictures
		Color automatic adjust		N/A	N/A	Adjust the white balance of pictures
		Gamma		Gamma1		Adjust color tone brightness grey 1
				Gamma2		Adjust color tone brightness grey 2
				Return		Return to the previous menu
				Exit		Exit from the whole menu
		Return		N/A	N/A	Return to the previous menu
		Exit		N/A	N/A	Exit from the whole menu
Others		Language		English	English	English
				Française	Française	Française
				Deutsch	Deutsch	Deutsch
				Italiano	Italiano	Italiano
				Español	Español	Español
				繁中	繁中	繁體中文
				Return		Return to the previous menu
				Exit		Exit from the whole menu
		Timed switch-off		Activate	ON	Automatically turn off after saving power for 1s
				Inactivate	OFF	Inactivate the function of timed switch-off
				Return		Return to the previous menu
				Exit		Exit from the whole menu
		Reset		Yes	YES	Reset to factory setup
				No	NO	Exit from this function
				Return		Return to the previous menu
				Exit		Exit from the whole menu
		OD acceleration		Activate	ON	Activate OD function (this needs the support of the monitor)
				Inactivate	OFF	Inactivate OD function (this needs the support of the monitor)
				Return		Return to the previous menu
				Exit		Exit from the whole menu
		FreeSync	FreeSync	Activate	ON	Activate FreeSyncfunction (this needs the support of the monitor)
				Inactivate	OFF	Inactivate FreeSyncfunction (this needs the support of the monitor)
				Return		Return to the previous menu
				Exit		Exit from the whole menu
		Sound		N/A	N/A	Adjust sound (for the device with audio)
		Return		N/A	N/A	Return to the previous menu
		Exit		N/A	N/A	Exit from the whole menu
Exit		N/A	N/A	N/A	N/A	Exit from the whole menu

When you useing the monitor to found the software and manual is not the same as the OSD, Don't worry. Maybe the software is upgraded. Please refer to using the updated OSD.

Note: When adjusting sound-related settings, connect a 3.5mm audio cable to your sound card.

Product Specifications

Diagonal dimensions	Picture aspect ratio	Picture dimensions (mm)	Dot distance (mm)	Optimal resolution
80.0cm(31.5″)	16:9	697.37*392.26	0.091*0.272	2560*1440@144HZ/DP 2560*1440@60HZ/HDMI/DVI
Ambient temperature	Storage temperature	-20℃ to 45℃		
	Working temperature	0℃ to 40℃		
Humidity	RH for operation	10% to 85%		

Note: The Optimal resolution is 2560*1440@60HZ 、 3440*1440@60HZ 、1920*1080@144HZ 、2560*1440@144HZ、3840*2160@30HZ , When DVI port is used for connection. it is necessary to choose the dual-channel DVI cable of 24+1 pins

These specifications are for reference only; please refer to yo

ur monitor's packaging for specifications related to your monitor.

Table of Product Preset Modes

Display dimensions	Preset resolution/Refresh rate										
	Aspect ratio	640x480 (60Hz)	800x600 (60Hz)	1024x768 (60Hz)	1280x1024 (60Hz)	1440x900 (60Hz)	1680x1050 (60Hz)	1920x1080 (60Hz)	2560x1080 (60Hz)	2560x1440 (60Hz)	2560x1440 (144Hz DP)
31.5"	16:09	○	○	○	○	○	○	○	X	○	○

Note: "O" indicates the corresponding resolution/refresh rate is supported.
"X" indicates the corresponding resolution/refresh rate is not supported.

The actual application of the above parameters shall be subject to the specific model.

Tip: The game state, That suggests to use 60 hz refresh rate.

The recommended configuration

As it is a high resolution product, the following host configuration is recommended:

1. System : win 7 . above 32 bits
2. CPU : Inter Core I5
3. Memory :8GB
4. Display card : NVIDIA GTX950 / AMD R9 370 and above

Troubleshooting

1. The screen is blank.
    - Be sure the power button has been pressed to turn the monitor on.
    - Confirm the brightness and contrast settings are set normally.
    - Check if the Indicator Light is flashing, if so, this indicates there is no signal from your video source.
    - If your source is a notebook or laptop, be sure that its settings are in mirror mode and the device itself is powered on.
2. The image is out of focus.
    - Ensure the video cable is inserted properly on both ends.
3. The screen is flashing.
    - Try an alternative power source. If the current one is insufficient, it may be causing the issue.
    - Ensure devices such as non-shielded speakers, fluorescent lighting, AC transformers, table fans etc. are a safe distance away from your screen to avoid magnetic disturbances.
    - Press the Exit button on the monitor to auto adjust the image and apply optimal settings.
4. The color bleeds or visual effects appear unusual.
    - If your screen is all red, blue, or any colors disappear, check to see that the cable is properly inserted. A loose connection can cause a bad signal.
    - Try connecting to another video source for comparison.
5. The screen appears to be scrolling or rolling or moving unusually.
    - Check that your source frequency is within 55-76Hz.
        - Reconnect and ensure your video source cable is secure.
6. The monitor needs cleaning.
    - Make sure the monitor has been powered off before cleaning.
        - Always use a soft, non-abrasive cloth when cleaning.
        - Use dry, non-abrasive cloth to gently remove debris or dust.
        - If necessary, lightly dampen a non-abrasive cloth with water and gently clean the surface.
        - Never use alcohol or ammonia-based cleaning solutions.
        - Never spray liquid directly onto any part of the monitor.

NOTE: The FreeSync is developed by AMD according to frequency conversion technology. It has special requirements to graphics card and monitor. Please make sure the graphics card model is supported.
(If in a complex display application environment (such as: multi screen, more frequent FreeSync switch on and off, frequent switching of resolution and refresh rate), abnormal phenomenon appears, please restart your PC or close FreeSync function to eliminate abnormality. Using qualified FreeSync standard PC hardware and graphics drivers helps you get a better experience.)

1 Year Limited Hardware Warranty

Your GN32Q Ultra Thin LED Monitor (”Product”) includes a One Year Limited Hardware Warranty (“Warranty”). The Warranty covers product defects in materials and workmanship under normal use. This Warranty is limited to residents of the United States and Canada only and is available only to original purchasers. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

This Warranty starts on the date of your purchase and lasts for one year (the "Warranty Period"). The Warranty Period is not extended if the Product is repaired or replaced. We may change the availability of this limited warranty at our discretion, but any changes will not be retroactive.

Warranty services are provided by Warranty Pro. If a hardware defect arises and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, WP will: (1) repair the hardware defect by using new or refurbished parts that are equivalent to new in performance and reliability; or (2) exchange the Product with a product that is new or refurbished which is substantially equivalent to the original product. This Warranty is for one replacement only of like-items and does not cover items out of production if the product is no longer made or stocked. This Warranty is not assignable or transferable. The original purchaser may call WP’s toll-free number at 1-855-229-9472 for service request.

When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes WP’s property. This warranty only covers technical hardware defectiveness during the warranty period and under normal use conditions. WP does not warrant uninterrupted or error-free operation of this Product. This Warranty does not cover any damage due to: (a) transportation; (b) storage; (c) improper use; (d) failure to follow the product instructions or to perform any preventive maintenance; (e) modifications; (f) unauthorized repair; (g) normal wear and tear; or (h) external causes such as accidents, abuse, or other actions or events beyond our reasonable control.

Important: Do not disassemble the Product. Disassembling the Product will void this Warranty. Only WP or a party expressly authorized by WP should perform service on this Product.

DISCLAIMER OF WARRANTY

THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND OUR ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. OUR LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT, NOR SHALL WE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THE DURATION AND REMEDIES OF ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY.

VIOTEK®

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料　　号		物料名称	说明书	版　　本	V01
国家/订单	美国	工厂型号	M32A5Q	客户型号	GN32Q
规　　格	140X210mm	比　　例		客户品牌	VIOTEK
设　　计	胡淑瑾	核　　准		日　　期	17.03.15
材　　质	封面157G铜版纸彩色印刷过光膜 内页80G书写纸黑白印刷				
备注说明					