



User Guide

HP Engage 10" Display

LCD Display

TPC-TR03

1. Getting Started

Important safety information

The USB-C cable may be included with the monitor. Users are advised to store the cable appropriately and connect it properly to the device during operation to ensure safe and reliable use.

Warning ! To reduce the risk of electric shock or damage to the equipment:

- Plug the USB-C cable into an USB-C outlet that is always easily accessible.
- Disconnect transmission from the computer by unplugging the USB-C cable.

LCD monitors that are inappropriately situated on dressers, bookcases, shelves, desks, speakers, chests, or carts may fall over and cause personal injury. Do not drop the monitor or place it on an unstable surface.

2. Product Features and Components

Features

The monitor features include the following:

- 10.1-inch touch monitor with 1280 x 800 resolution, plus full-screen support for lower resolutions; includes custom scaling for maximum image size while preserving original aspect ratio
- Wide viewing angle to allow viewing from a sitting or standing position, or moving from side-to-side
- 10-point projective capacitive touch on touch models
- This device supports USB-C Alt Mode, allowing it to receive both power and display signal through a single USB-C cable for a cleaner and more efficient setup.
- Designed for low power consumption, requiring only 15 watts.
- Plug and Play capability, if supported by your operating system
- On-screen display (OSD) adjustments in several languages for easy setup and screen optimization
- The device supports optional PCAP touch, NFC, camera, and barcode scanner modules to meet the comprehensive needs of a modern checkout counter.

3. Product Specifications

Technical Specifications

Display	10.1"
Type	TFT LCD
Aspect Ratio	16:10
Maximum graphic resolution	1280x800
Optimum graphic resolution	1280x800
Brightness	400 Nits
Response Time	25ms
Viewing Angle (typical CR>10)	170° Vertical / 170° Horizontal
Dimensions (display head only)	246.2 x 170.2 x 16 (mm)
Touch (Optional)	Projective Capacitive 10 point
AG coating	Yes
Environmental requirements	
Operating Temperature	0°C to 40°C
Nonoperating Temperature	-10°C to 50°C
Power source	USB-C 5V/3A
Input terminal	USB-C Alt Mode
Webcam (optional)	8M USB2.0 AF UVC Camera
Scanner (optional)	2D Barcode Scanner
NFC (optional)	ISO 14443
Power consumption typical	15W
IP Rating	IP54

On-screen display (OSD) button controls

Use the on-screen display (OSD) menu to adjust the monitor screen image based on your preferences. You can access and adjust in the OSD menu using the buttons at the bottom of the monitor.

On Screen Display User Controls	Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Information, Exit
User Programmable Modes	Yes
Monitor Control Buttons	Menu/OK, Minus button/Down/Information, Plus button/Up/Color Control, Exit/Back/Brightness, Power
Audio Controls	No



1	Power
2	Menu / OK
3	Display Information / Down
4	Color Control / Up

Default Setting of display

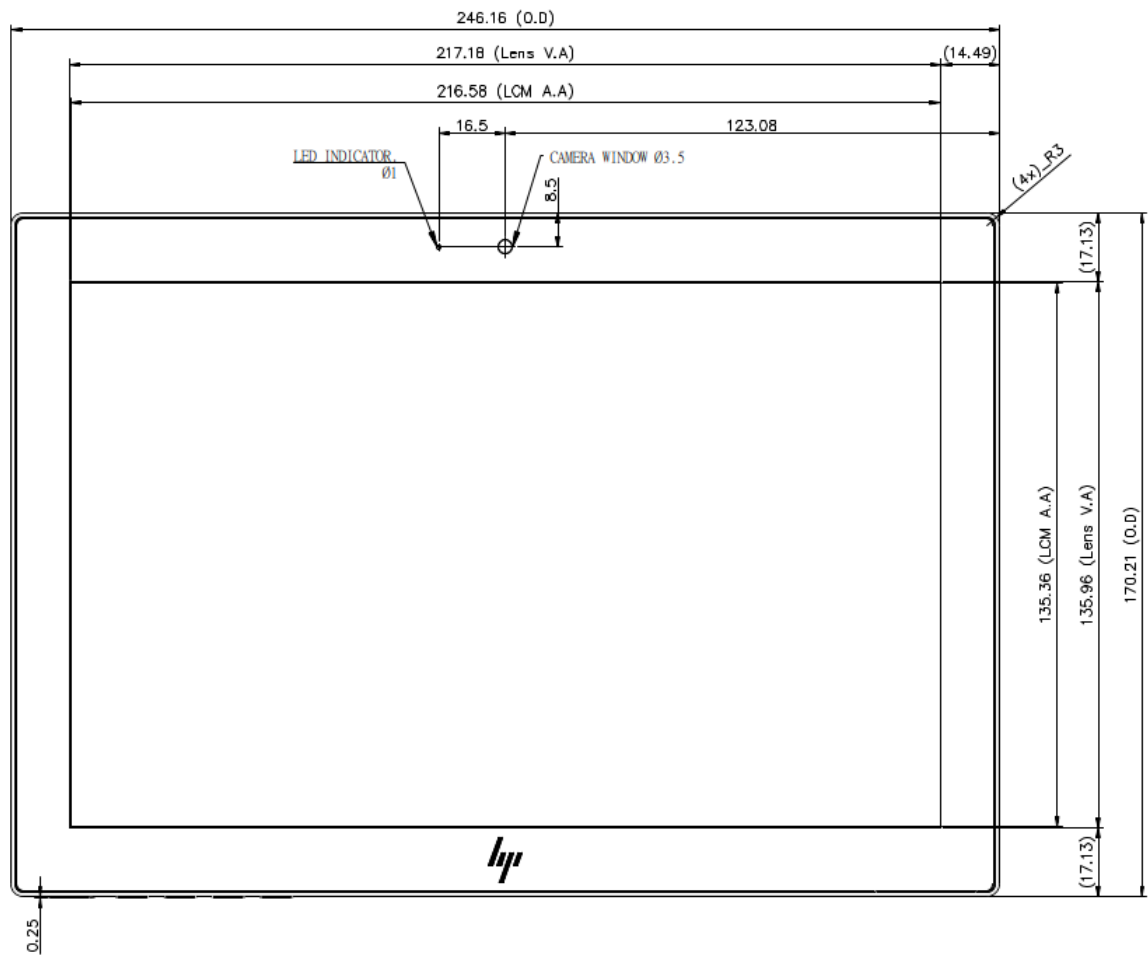
Touch	On (If the device supports touch functionality)
Camera	Off
NFC	On
Scanner	Sensor Mode

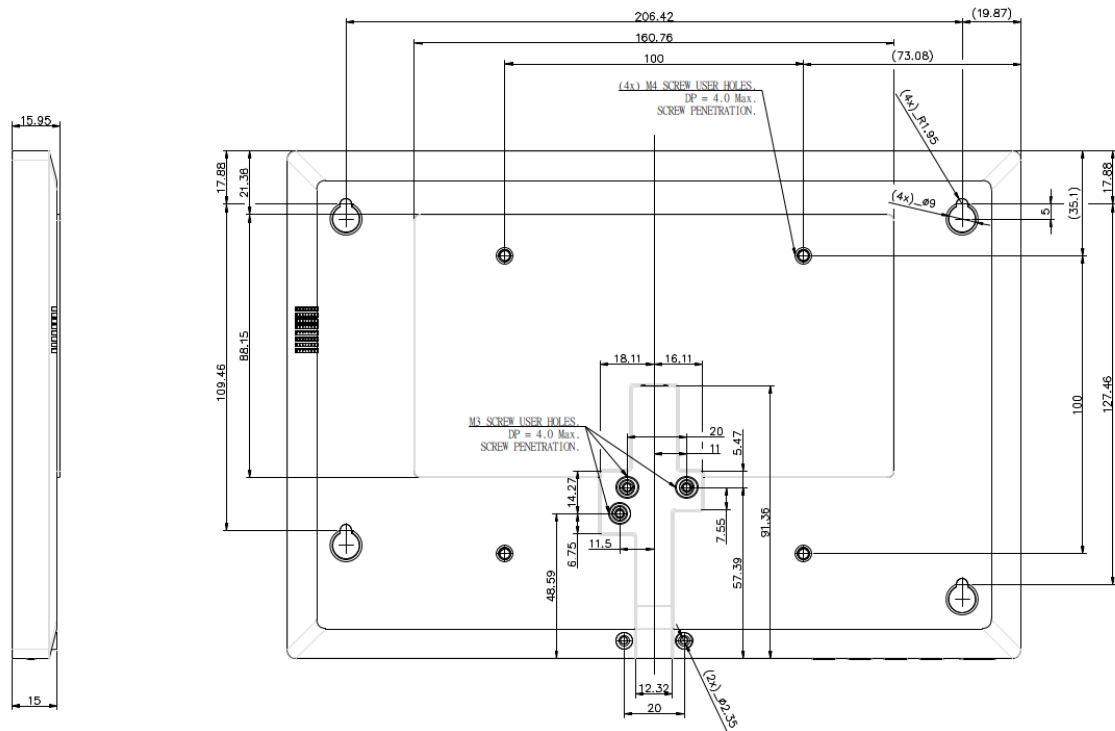
Default Configuration of Display

HP Part Number	Touch	Webcam	NFC	BCS
P55665-001	Y	Y	Y	Y
P55666-001	Y	Y	Y	N
P55667-001	Y	N	N	N
P55668-001	N	N	N	N
P55669-001	Y	Y	Y	Y
P55670-001	Y	Y	Y	N
P55671-001	Y	N	N	N
P55672-001	N	N	N	N

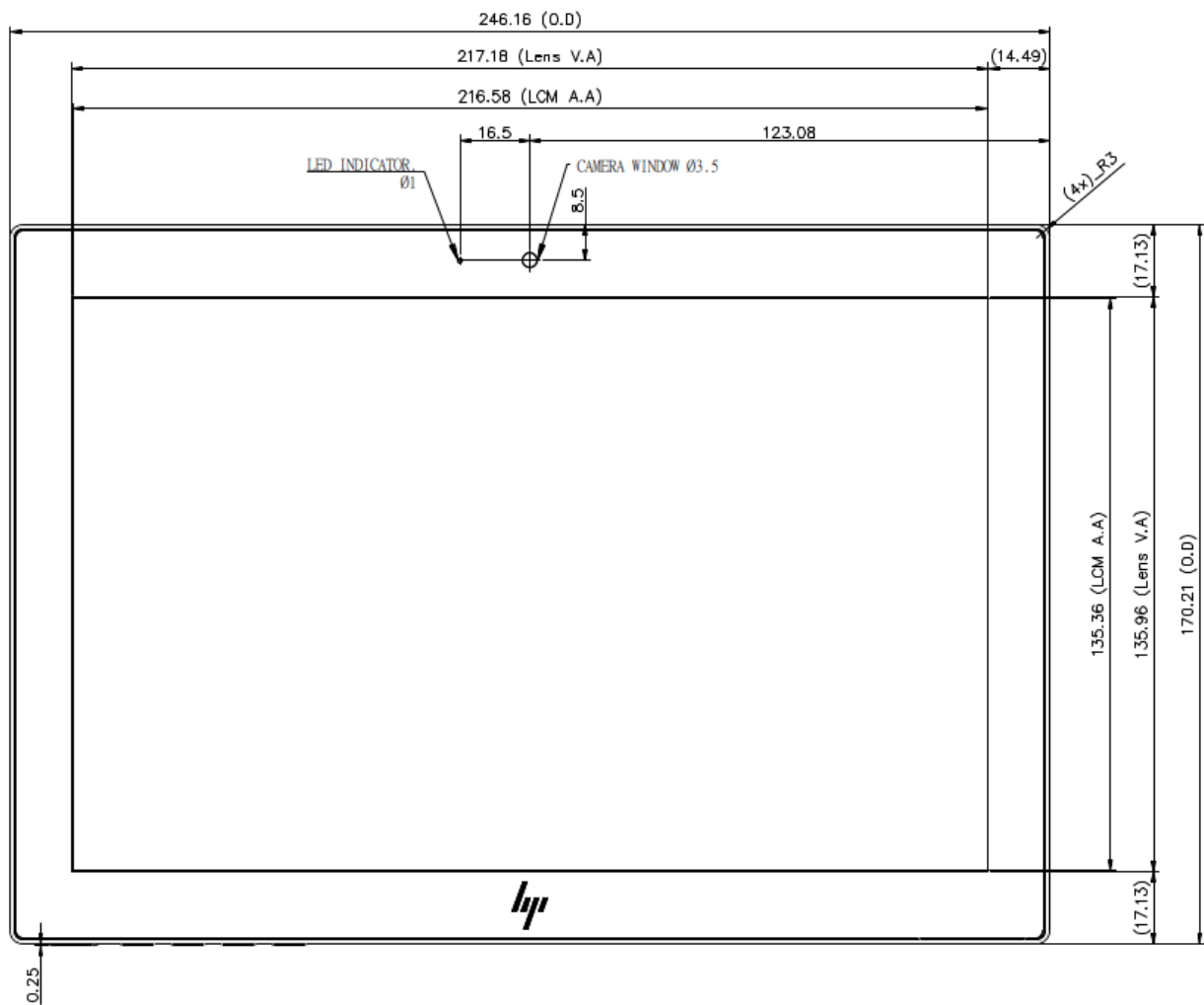
4. Dimension and Drawing

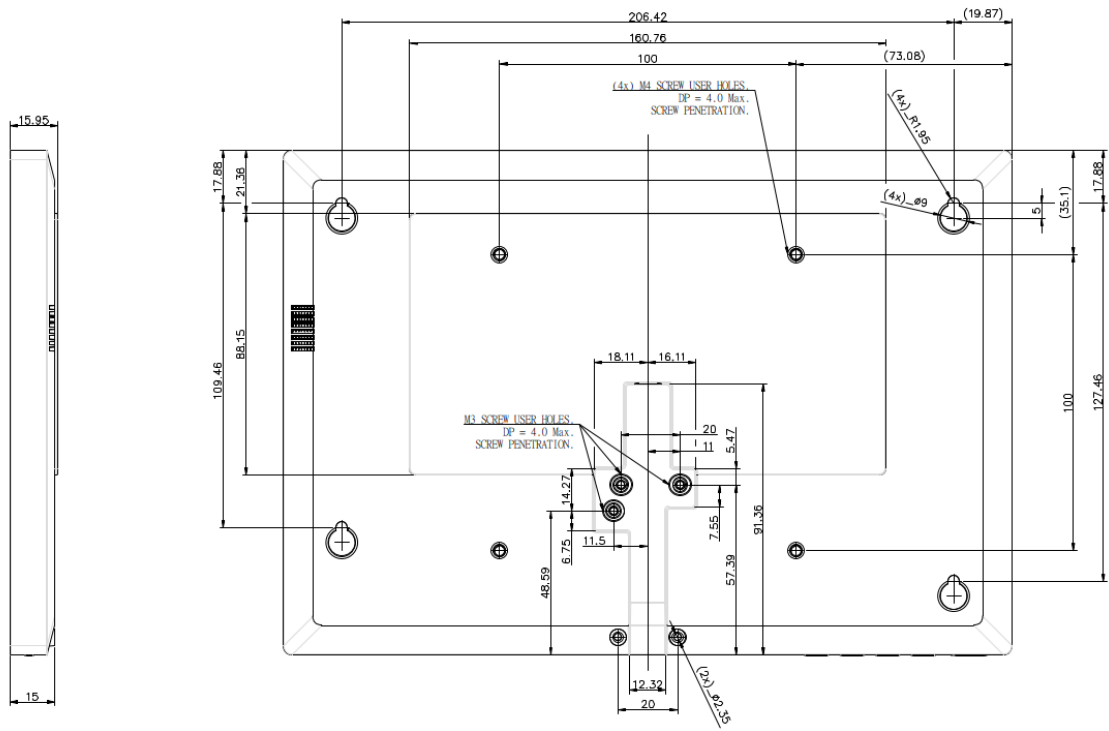
- P55665-001 / P55669-001



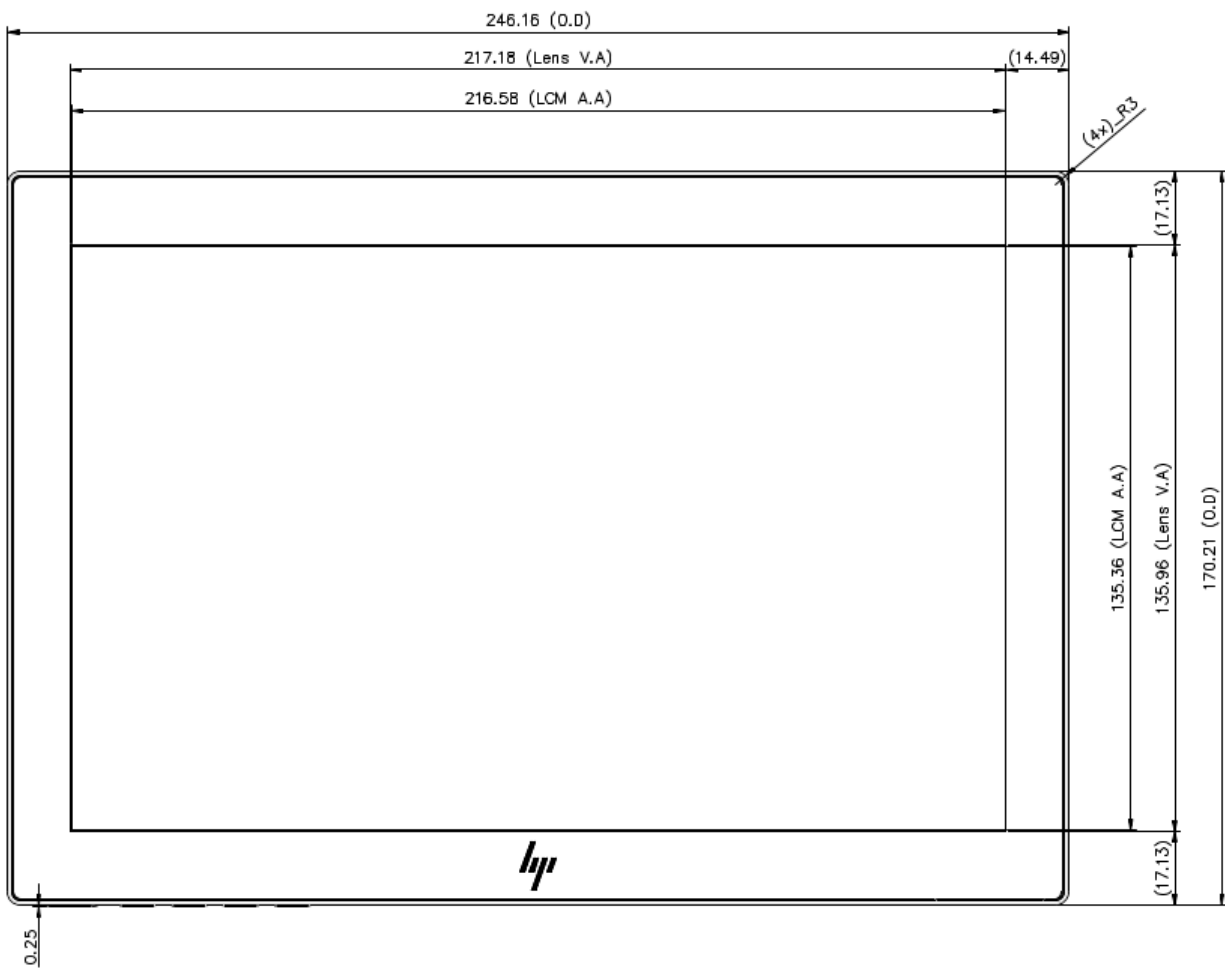


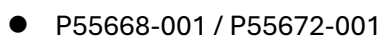
● P55666-001 / P55669-001

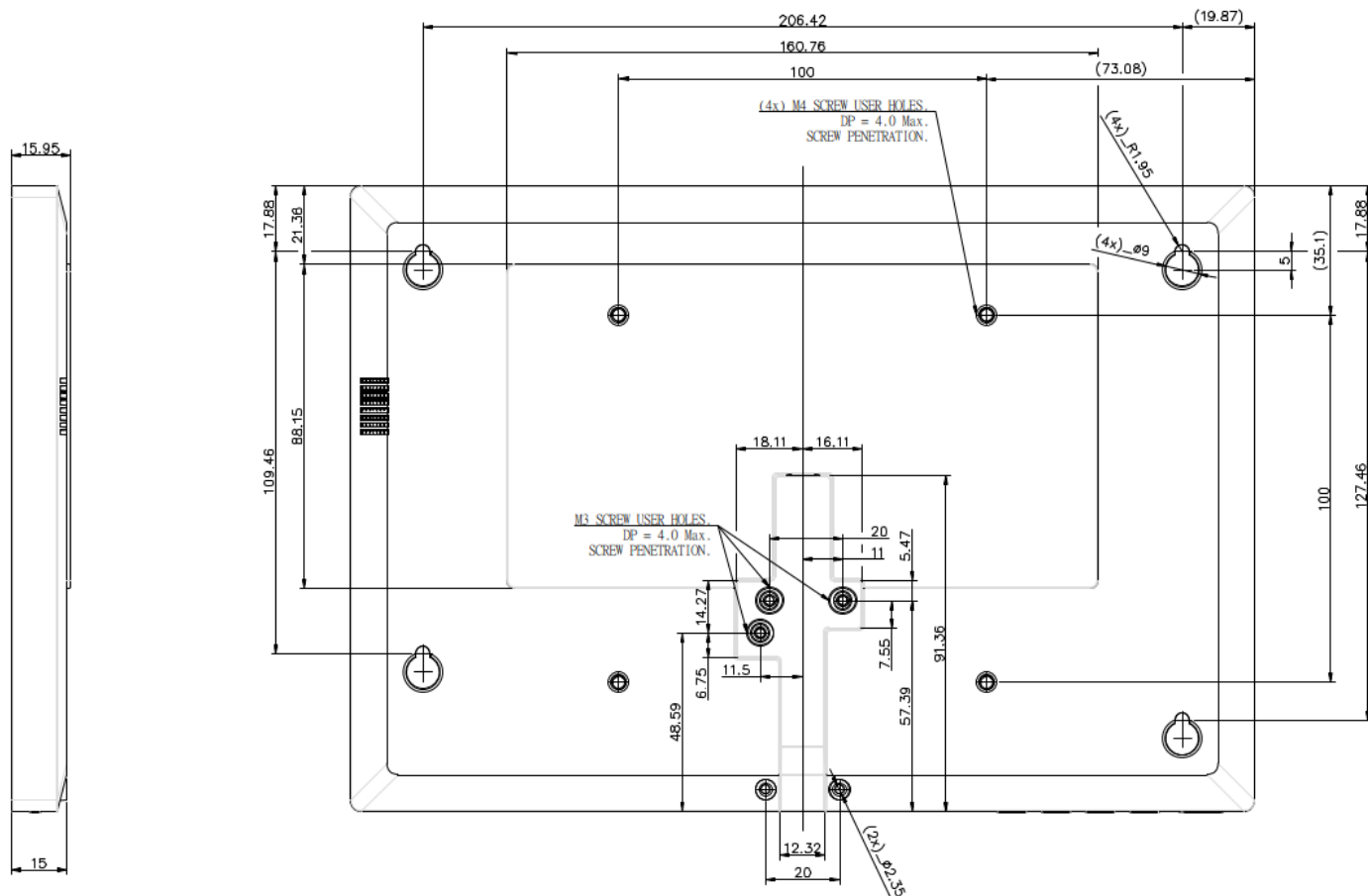




- P55667-001 / P55671-001







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 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.
- 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.

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- 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.**

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible

Industry Canada Statement

This device complies with Industry Canada's licence-exempt RSSs.

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and**
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.**

Avis d'industrie Canada

Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisee aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et, and**
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme si le brouillage est**

susceptible d'en compromettre le fonctionnement.

Industry Canada Class B Emission Compliance Statement

This Class B digital apparatus complies with Canadian ICES-003.

Avis de conformité à la réglementation d'Industrie Canada

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment for body-worn configuration in direct contact to the phantom.

The End