

## **Series Guidelines for product categories notified under CRO Phase-V:**

### **1. Wireless Microphone**

- Same Type of Microphone based on built-in or external transmitters i.e. Handheld, Clip-on, Body Pack, Headset etc.
- Same Enclosure material except for differences of decorative parts.
- The change in aesthetics & location of buttons may be accepted if the lab ensures that these do not have effect the safety.
- Same design and layout of PCB.
- Same IP rating of transmitter and mic.
- Same Input Voltage of transmitter and mic.
- Same rating of battery (registered batteries).
- Same type of charging (USB/Charging Case/wireless).
- Registered adapter/power bank with the same output rating to input of Wireless Microphone, if applicable.

### **2. Digital Camera**

- Same Enclosure material except for differences of decorative parts.
- Same input voltage.
- Same PCB design layout.
- Same IP rating.
- Same rating of battery (registered batteries), if applicable.
- Same type of functionalities e.g. Printing.
- Registered adapter with the same output rating to input of Digital Camera, if applicable.

### **3. Video Camera**

- Type of Video Camera i.e. with or without display.
- Same Enclosure material except for differences of decorative parts.
- Same class of construction.
- Same input voltage.
- Same PCB design layout.
- Same IP rating.

- Same rating of battery (registered batteries), if applicable.
- Same mounting mechanism e.g. Handheld, Tripod etc.
- Registered adapter with the same output rating to input of Video Camera, if applicable.

#### **4. Webcam (Finished Product)**

- Same Enclosure material except for differences of decorative parts.
- Same PCB design layout.
- Type of Webcam i.e. Webcams with Microphones, Wireless, network etc.
- Same IP rating.
- Same input voltage.
- Same rating of battery (registered batteries), if applicable.
- Registered adapter with the same output rating to input of Webcam, if applicable.
- Same mounting mechanism.

#### **5. Smart Speakers (with and without Display) (Up-to a range of maximum output power will be accommodated in a series, provided)**

- With Display
  - Same type of display (touch, non-touch).
  - Same input voltage.
  - Same class of construction.
  - Same PCB design layout.
  - Same enclosure material except for differences of decorative parts.
  - Same IP rating.
- Without Display:
  - Same input voltage.
  - Same class of construction.
  - Same PCB design layout.

- Same enclosure material except for differences of decorative parts.
- Same IP rating.
- Power Transformer: Same design and insulation system.
- Same rating of battery (registered batteries), if applicable.
- Registered adapter with the same output rating to input of Smart Speakers, if applicable.

**6. Bluetooth Speakers (Up-to a range of maximum output power will be accommodated in a series, provided)**

- Same input voltage.
- Same class of construction.
- Same PCB design layout.
- Same enclosure material except for differences of decorative parts.
- Power Transformer: Same design and insulation system.
- Same rating of battery (registered batteries), if applicable.
- Registered adapter with the same output rating to input of Bluetooth Speakers, if applicable.

**7. Dimmers for LED products**

- Same input voltage.
- Same class of construction.
- Power Transformer: Same design and insulation system.
- Same enclosure material except for differences of decorative parts.
- Same mains PCB design and layout.
- Same IP Rating.

**Note: Maximum 10 models can be included in a series for all above product categories.**