



# User Manual

---

SNOW-1810U

---

The color and the appearance may differ depending on the product, and the content in the manual is subject to change without prior notice to improve the performance.

# Chapter 12

## Specifications

### General

|                              |           |  |
|------------------------------|-----------|--|
| Model Name                   |           | SNOW-1810U   |
| Power Supply                 |           | AC100-240V~ 50/60Hz<br>Based on the AC voltage of the adapter. For the DC voltage of the product, refer to the product label.              |
| Environmental considerations | Operating | Temperature: 32 °F - 104 °F (0 °C - 40 °C)<br>Humidity: 10% - 80%, non-condensing  |
|                              | Storage   | Temperature: -4 °F - 113 °F (-20 °C - 45 °C)<br>Humidity: 5% - 95%, non-condensing<br>* Applicable before the product package is unpacked. |
| Supported models             |           | IW008J<br>IF012J, IF012J-E<br>IF015H, IF015H-E, IF020H, IF025H, IF025H-D, IF040H-D,<br>IF040H-DL, IF060H-D, IF060H-DL, IF085H-DL           |



#### Plug-and-Play

This monitor can be installed and used with any Plug-and-Play compatible systems. Two-way data exchange between the monitor and PC system optimizes the monitor settings. Monitor installation takes place automatically. However, you can customize the installation settings if desired.



This device is a Class B digital apparatus.



For detailed device specifications, visit the Samsung Electronics website.

#### (USA only)

Dispose unwanted electronics through an approved recycler.

To find the nearest recycling location, go to our website: [www.samsung.com/recyclingdirect](http://www.samsung.com/recyclingdirect) or call, 1-800-SAMSUNG



#### Horizontal Frequency

The time required to scan a single line from the left to the right side of the screen is called a horizontal cycle. The reciprocal number of a horizontal cycle is called horizontal frequency. Horizontal frequency is measured in kHz.

#### Vertical Frequency

The product displays a single image multiple times per second (like a fluorescent light) to display what the viewer sees. The rate of a single image being displayed repeatedly per second is called vertical frequency or refresh rate. Vertical frequency is measured in Hz.

## Preset Timing Modes

-  This product can be set to only one resolution for each screen size to obtain the optimum picture quality due to the nature of the panel. Using a resolution other than the specified resolution may degrade the picture quality. To avoid this, it is recommended that you select the optimum resolution specified for your product.
-  When **Input Signal Plus** is set to **On**, up to the 3840 x 2160 @ 60 Hz resolution is supported. When **Input Signal Plus** is set to **Off**, up to the 1920 x 1080 @ 60 Hz resolution is supported.

| Model Name      |                      | SNOW-1810U                               |
|-----------------|----------------------|--|
| Synchronization | Horizontal Frequency | 30 – 135 kHz                             |
|                 | Vertical Frequency   | 30 – 75 Hz (DP), 24 – 75 Hz (HDMI)       |
| Resolution      | Optimum Resolution   | 1920 x 1080 @ 60 Hz, 3840 x 2160 @ 60 Hz |
|                 | Maximum Resolution   | 1920 x 1080 @ 60 Hz, 3840 x 2160 @ 60 Hz |