

REGULATIONS

These are the Regulations governing the use of the Certification Marks



of UHD Alliance, Inc. in relation to the following goods: “Electronic transmission and streaming of digital media content for others via global and local computer networks; video broadcasting; transmission of voice, data, images, signals, messages and information; streaming of audiovisual and multimedia content via the Internet; transmission and delivery of audiovisual and multimedia content via the Internet; video broadcasting; video-on-demand transmission services; software as a service (SaaS) services, namely, providing temporary use of non-downloadable software for streaming audiovisual and multimedia content via the internet and global communications networks; providing temporary use of non-downloadable software for streaming audiovisual and multimedia content to mobile digital electronic devices; providing non-downloadable software for searching, organizing, and recommending multimedia content; Battery operated devices and portable products and devices, namely, mobile phones, smart phones, tablets, laptops, and notebooks”



The presence of the Certification Marks certifies a robust set of features that combines enhancements in resolution, brightness, contrast, color and audio to bring a true-to-life experience.

The set of the features that both certification marks certify are the following:

Device	Resolution	Dynamic Range	Color Space	Bit Depth
Phone 3” -7”	60 pixels/degree	0.0005 - 540 nits	90% of P3 Color gamut	10
Tablet 7” – 12.9”	60 pixels/degree	0.0005 - 540 nits	90% of P3 Color gamut	10
Laptop 9.5” – 18”	60 pixels/degree	0.0005 - 540 nits or 0.1 - 600 nits	90% of P3 Color gamut	10

Manufacturer Program

1 General

1.1 Scope

The Verified Manufacturer Program is meant to be used for auditing and qualifying a Manufacturer. UHDA Verified Manufacturers will be approved by the Certification Program Manager on behalf of the UHDA if they fulfill the requirements as described in this document.

1.2 References

The following documents are applicable to the extent referenced herein. The most current version of the document found on the UHDA website applies.

[R1]

Ultra-High Definition Alliance Test Specification: Battery Operated Device

[R2] UHDA Certification Program Management Document

1.3 Acronyms and Definitions

1.3.1 Acronyms

ATC	Authorized Test Center
BoD	Board of Directors
CPM	Certification Program Manager
CCWG	Compliance & Certification Working Group
PMD	Program Management Document
PWG	Promotion Working Group
SME	Subject Matter Expert
TWG	Technical Working Group
UHD	Ultra High Definition
UHDA	UHD Alliance
VM	Verified Manufacturer

1.3.2 Definitions

Authorized Test Center (ATC):

A testing facility that has been passed the Test Center Authorization Process and has been accepted by the BoD to become a UHDA Test Center.

Test Specification:

A detailed collection of test cases which includes information detailing how to conduct the tests and expected results for each.

2 Verified Manufacturer

All Verified Manufacturers (VM) must be vetted by the UHDA. The verification expires in three years or when the CCWG determines that changes to the test specification require reverification.

2.1 VM Roles and Responsibilities

The roles and responsibilities of the VM within the UHDA include:

- Self-test for its own products
- Participate in any Manufacturer Verification Programs conducted by the UHDA if required

2.2 VM Qualifications

The minimum qualifications for a VM include:

- Developing UHDA compliance products
- Are technically competent to perform testing according to the UHDA Test Specification
- Members in good standing of the UHDA
- Satisfy Test facilities, equipment and Test Tool requirements as defined by the relevant UHDA Test Specification

3 Manufacturer Verification Process

3.1 Step 1: Pre Self-Testing

A manufacturer who is willing to be a Verified Manufacturer shall test a product, and assert that the tested product will comply against all validated test cases specified in the most current approved UHDA Test Specification, and complete a Device Under Test Information, a Test Results Summary and a Test Results Sheet defined in the UHDA Test Specification. [R1]

3.2 Step 2: Submission for Verification

The manufacturer shall complete the Manufacturer Verification Application and submit it, the Test Results Summary and Test Results Sheet to the CPM for review.

Upon receipt of the submission, the CPM will:

- Review the submission for completeness and request additional information if needed
- Assign a unique Verification ID to the manufacturer for tracking purposes
- Set the status of the Manufacture Verification to "Approved for Verification Testing"

3.3 Step 3: Verification Testing

All verification testing shall be completed in an independent, non-affiliated ATC. The manufacturers are free to work with any approved ATC. The manufacturer and ATC are responsible for negotiating the business terms for the completion of the testing, which falls outside the UHDA Certification Process. The manufacturer shall notify the CPM regarding which ATC will be used.

The manufacturer shall send the tested product to the ATC.

The ATC shall test the product against all validated test cases specified in the most current approved UHDA Test Specification. Upon completion of the Verification Testing, the ATC shall submit a Test Results Summary and a Test Results Sheet for the product to the CPM.

Upon receipt of the test report, the CPM shall change the status of the Manufacturer Verification to "Pending".

3.4 Step 4: Review and Approval

The CPM will compare two test reports and any other supporting documentation, and provide a final verdict regarding Verification of the manufacturer. The CPM will perform the following tasks:

- Compare two test reports if the differences between two measurements are within the Tolerance Level. The Tolerance Level is defined in Ultra-High Definition Alliance Test Specification: Device Test Specification.
- Review any supporting documentation provided by the ATC and manufacturer
- Communicate with the manufacturer on any issues that may be preventing Verification
- Provide the final verdict on Verification
- Notify the manufacturer once Verification has been approved
- Change the status of the Manufacturer Verification to "Approved" or "Pending" based on the outcome of the Verification test report review
- Send an invoice for the Verification fee, if any, on behalf of the UHDA.

3.5 Step 5: Granting Verification

The CPM will advise the CCWG to approve the manufacturer to become Verified once all of the following items have been completed:

- The CPM has set the status of the Manufacturer Verification to "Approved"
- The manufacturer is a member of the UHDA in good standing (as defined in the UHDA Bylaws)
- Payment of the Verified Manufacturer fee (if any) has been received by the UHDA

After such approval by the CCWG an Authorized UHDA officer will countersign the Manufacturer Verification Application on behalf of the UHDA.

Upon countersigned document being received by the CPM, the CPM will change the status of the Manufacturer verification to "Verified". The CPM will also notify the PWG of the new VM to be listed on the web site.

4 Quality Standards and Maintenance

Each Product must at all times comply with the Specification, with such compliance determined in accordance with the UHD Alliance certification program. If the Product fails to comply with the Specification, use of the Certification Mark on or in connection with the Product will constitute a Material Breach of the Agreement. Licensee will promptly notify Licensor or a third party designated by Licensor (e.g., Licensor's certification program manager) of all of Licensee's Products that have been successfully certified in accordance with the then-current Program Manual or that have been sold, distributed or otherwise disposed of displaying the Certification Mark; provided, however, that Licensee need not report to Licensor or its designated third party those Products that are Derivatives. Any such notification will include, at a minimum, for each Product, the product name, model or version number, the date of the applicable certification test, the market where such Product is sold, and such other information as Licensor may reasonably require from time to time. In addition, Licensee will comply with the requirement to submit samples of the Product, as well as reasonable evidence that the Product continues to comply with the Specification, set forth in the then-current Logo Guidelines or other policies of Licensor relating to the use of the Certification Mark. Licensee hereby consents to Licensor listing on Licensor's website Licensee's name and logo and all Products disclosed to Licensor or its designated third party hereunder.