

# 4KULTRA**HD**

The 2022 Hisense A68H series Google TV™ adds more picture quality enhancements and an operating system upgrade for the perfect 4K fit for consumers looking for options and affordability. Adding FilmMaker Mode reproduces movie content the way the director originally intended. Game Mode Plus with variable refresh rate (VRR) up to 4K 60Hz and auto low latency mode (ALLM) keeps the A68H series at pace with next-generation game consoles. The A68H series also maintains DTS® Virtual:X audio technologies for a fuller audio experience and also has eARC capabilities. With Chromecast built-in™ you can easily cast movies, shows, photos, and more from your phone right to your TV. These advancements are available in all sizes and position the A68H series as the "go-to" Hisense TV for the perfect 4K fit. With Chromecast builtin™ you can easily cast movies, shows, photos, and more from your phone right to your TV. These advancements are available in all sizes and position the A68H series as the "go-to" Hisense TV for the perfect 4K fit.

The entertainment you love, with a little help from Google. Google TV<sup>™</sup> brings together movies, shows, and more from across your apps and subscriptions and organizes them just for you. Discover new things to watch with recommendations based on what you watch and what interests you. Ask Google to find movies and shows, answer questions, control smart home devices, and more, with your voice. And with the Google TV app you can watch what you want, anytime, anywhere.

#### **4K Ultra High Definition**

4K resolution improves upon Full High Definition with 3840 x 2160 pixels. More pixels on the screen produces a more clear and succinct picture making content look more realistic and true-to-life. Combined with Hisense's AI UHD Upscaler, non-4K content will get enhanced to near-4K quality.

#### Google TV

The entertainment you love. With a little help from Google. Google TV brings together movies, shows, live TV and more from across your apps and subscriptions and organizes them just for you.

#### **Dolby Vision® HDR and HDR10**

Innovative visual technology, Dolby Vision®, brings characters to life with deeper blacks, brighter whites, and an expanded colour range you can't get anywhere else. HDR10 is an HDR format that delivers HDR content via compatible over-the-air signals.

#### **Game Mode Plus**

Game Mode Plus is a collection of technologies that come together to create a dynamic gaming experience. A 60Hz panel, variable refresh rate (VRR), and auto low latency mode (ALLM) helps ensure the television can handle your gaming needs - whether you're a casual or serious gamer.

#### **Chromecast Built-in**

Easily cast movies, shows, photos, and more from your phone right to your  $TV^*$ .

#### **DTS® Virtual:X**

This scalable and versatile advanced post processing package creates immersive audio by virtualizing height content over traditional stereos.

#### **Google Assistant**

Your TV is more helpful than ever. Use your voice to find movies, stream apps, play music and control the TV. Ask Google to find a specific title, search by genre, or get personalized recommendations by saying, "what should I watch?" Even get answers on screen, control smart home devices, and more. Press the Google Assistant button on the remote to get started.

#### **Bluetooth® Connectivity**

Wirelessly connect a compatible soundbar, headphones or speakers to your TV. Then turn it up.

#### **Sports Mode**

With sports mode pre-set settings, the television automatically adjusts itself to optimize sports content. Motion is smoother and colour is adjusted for the best sports experience for your source, signal and television.

\*Google TV is the name of this device's software experience and a trademark of Google LLC. Google and Chromecast built-in are trademarks of Google LLC. \*TV Casting optimized for selected services only.

HDR\* viewing experience will vary by model, content availability and internet connection.

## Hisense

Model 85A68H

### **TECHNICAL SPECIFICATIONS**

| Actual Screen Size (Diagonal)85 inchScreen Class85"Screen TypeLED backlight LCD TVTYPE OF TVYesSmart TVYesApp StoreGoogle Play storePICTURE QUALITYResponse Time (ms)Response Time (ms)8msTYPScreen Resolution3840*2160 RGBPeak Brightness400typMotion Rate120Aspect Ratio16:9HDR* compatibility typesHDR & HDR 10 (Dolby<br>Vision®)Wide Colour GamutYesBacklight Type SourceFull ArrayFilmMaker ModeYesAudio Output Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESOn-screen DisplayPower Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITY802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSYesHDMI4 x HDMI 2.0HDMI ARC & CECYes |                            |                      |  |
|---|----------------------------|----------------------|--|
| Screen Class85"Screen TypeLED backlight LCD TVTYPE OF TVSmart TVSmart TVYesApp StoreGoogle Play storePICTURE QUALITYSms TYPResponse Time (ms)8ms TYPScreen Resolution3840*2160 RGBPeak Brightness400typMotion Rate120Aspect Ratio16:9HDR* compatibility typesHDR & HDR 10 (Dolby<br>Vision®)Wide Colour GamutYesBacklight Type SourceFull ArrayFilmMaker ModeYesAudio Output Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESJolby AtmosOn-screen DisplayEng/Fre/SpaPower Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzVi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSHDMI ARC & CECYesYes                                  | DISPLAY                    |                      |  |
| Screen TypeLED backlight LCD TVTYPE OF TVYesSmart TVYesApp StoreGoogle Play storePICTURE QUALITYResponse Time (ms)8msTYPResponse Time (ms)3840*2160 RGBPeak Brightness400typMotion Rate120Aspect Ratio16:9HDR* compatibility typesHDR & HDR 10 (Dolby<br>Vision®)Wide Colour GamutYesBacklight Type SourceFull ArrayFilmMaker ModeYesAUDIOVesAudio EnhancementDolby AtmosLANGUAGESJolby AtmosOn-screen DisplayEng/Fre/SpaPower Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITYWi-Fi Built InWi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSHDMI ARC & CECYesYes  |                            |                      |  |
| TYPE OF TVSmart TVYesApp StoreGoogle Play storePICTURE OUALITYResponse Time (ms)8msTYPScreen Resolution3840*2160 RGBPeak Brightness400typMotion Rate120Aspect Ratio16:9HDR* compatibility typesVision®)Wide Colour GamutYesBacklight Type SourceFull ArrayBilmMaker ModeYesAutioLoby AtmosAudio EnhancementDolby AtmosAudio EnhancementJolby AtmosPower ConsumptionS60 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzPower Supply (Voltage/Hz)Nac Dual band (2.4/5<br>GHz)Biluetooth®YesHDMI4 x HDMI 2.0HDMI ARC & CECYes   |                            |                      |  |
| Smart TVYesApp StoreGoogle Play storePICTURE QUALITYResponse Time (ms)8msTYPResponse Time (ms)8msTYPScreen Resolution3840*2160 RGBPeak Brightness400typMotion Rate120Aspect Ratio16:9HDR* compatibility typesHDR & HDR 10 (Dolby<br>Vision®)Wide Colour GamutYesBacklight Type SourceFull ArrayFilmMaker ModeYesAudio Output Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESOn-screen DisplayPower Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzPower Supply (Voltage/Hz)802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSYesHDMI4 x HDMI 2.0HDMI ARC & CECYes   |                            | LED backlight LCD TV |  |
| App StoreGoogle Play storePICTURE QUALITYResponse Time (ms)8msTYPScreen Resolution3840*2160 RGBPeak Brightness400typMotion Rate120Aspect Ratio16:9HDR* compatibility typesHDR & HDR 10 (Dolby<br>Vision®)Wide Colour GamutYesBacklight Type SourceFull ArrayFilmMaker ModeYesAudio Output Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESUsy Standby ConsumptionOn-screen DisplayEng/Fre/SpaPower Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)A (120V,50/60HzVi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesHDMI4 x HDMI 2.0HDMI ARC & CECYes   |                            |                      |  |
| PICTURE QUALITYResponse Time (ms)8msTYPScreen Resolution3840*2160 RGBPeak Brightness400typMotion Rate120Aspect Ratio16:9HDR* compatibility typesHDR & HDR 10 (Dolby<br>Vision®)Wide Colour GamutYesBacklight Type SourceFull ArrayFilmMaker ModeYesAudio Output Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESEng/Fre/SpaPower90Power Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITY802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTS4 x HDMI 2.0HDMI4 x HDMI 2.0HDMI ARC & CECYes   |                            |                      |  |
| Response Time (ms)8msTYPScreen Resolution3840*2160 RGBPeak Brightness400typMotion Rate120Aspect Ratio16:9HDR* compatibility typesHDR & HDR 10 (Dolby<br>Vision®)Wide Colour GamutYesBacklight Type SourceFull ArrayFilmMaker ModeYesAudio Output Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESDolby AtmosOn-screen DisplayEng/Fre/SpaPOWER360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzVi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSHDMI ARC & CEC  |                            | Google Play store    |  |
| Screen Resolution3840*2160 RGBPeak Brightness400typMotion Rate120Aspect Ratio16:9HDR* compatibility typesHDR & HDR 10 (Dolby<br>Vision®)Wide Colour GamutYesBacklight Type SourceFull ArrayBacklight Type SourceFull ArrayFilmMaker ModeYesAudio Output Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESDolby AtmosOn-screen DisplayEng/Fre/SpaPower Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzPower Supply (Voltage/Hz)802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSYesHDMI4 x HDMI 2.0HDMI ARC & CECYes  | PICTURE QUALITY            |                      |  |
| Peak Brightness400typMotion Rate120Aspect Ratio16:9HDR* compatibility typesHDR & HDR 10 (Dolby<br>Vision®)Wide Colour GamutYesBacklight Type SourceFull ArrayBacklight Type SourceFull ArrayFilmMaker ModeYesAudio Output Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESEng/Fre/SpaOn-screen DisplayEng/Fre/SpaPower Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITYWi-Fi Built InWi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPOMTSHDMI ARC & CEC   | Response Time (ms)         | 8msTYP               |  |
| Motion Rate120Aspect Ratio16:9HDR* compatibility typesHDR & HDR 10 (Dolby<br>Vision®)Wide Colour GamutYesBacklight Type SourceFull ArrayFilmMaker ModeYesAudio Output Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESEng/Fre/SpaOn-screen DisplayEng/Fre/SpaPOWER9Power Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITY802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTS4 x HDMI 2.0HDMI ARC & CECYes  | Screen Resolution          | 3840*2160 RGB        |  |
| Aspect Ratio16:9HDR* compatibility typesHDR & HDR 10 (Dolby<br>Vision®)Wide Colour GamutYesBacklight Type SourceFull ArrayBacklight Type SourceFull ArrayFilmMaker ModeYesAudio Output Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESEng/Fre/SpaOn-screen DisplayEng/Fre/SpaPower Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITYWi-Fi Built InWi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPOMTSHDMI ARC & CEC  | Peak Brightness            | 400typ               |  |
| HDR* compatibility typesHDR & HDR 10 (Dolby<br>Vision®)Wide Colour GamutYesBacklight Type SourceFull ArrayBacklight Type SourceFull ArrayFilmMaker ModeYesAUDIOAudio Output Power (Watts)Audio Cutput Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESDolby AtmosOn-screen DisplayEng/Fre/SpaPOWER90Power Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITYWi-Fi Built InWi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSHDMI ARC & CEC  | Motion Rate                | 120                  |  |
| HDR compatibility typesVision®)Wide Colour GamutYesBacklight Type SourceFull ArrayFilm Maker ModeYesAudio Output Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESEng/Fre/SpaOn-screen DisplayEng/Fre/SpaPower Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITY802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSYesHDMI4 x HDMI 2.0HDMI ARC & CECYes  | Aspect Ratio               | 16:9                 |  |
| Backlight Type SourceFull ArrayFilmMaker ModeYesAUDIOAudio Output Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESOn-screen DisplayEng/Fre/SpaPOWERPower Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITYWi-Fi Built InWi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPOMTSHDMI ARC & CECYesYes   | HDR* compatibility types   |                      |  |
| FilmMaker ModeYesAUDIOAudio Output Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESEng/Fre/SpaOn-screen DisplayEng/Fre/SpaPOWERVPower Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITY802.11 ac Dual band (2.4/5<br>GHz)Wi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSYesHDMI4 x HDMI 2.0HDMI ARC & CECYes  | Wide Colour Gamut          | Yes                  |  |
| AUDIOAudio Output Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESEng/Fre/SpaOn-screen DisplayEng/Fre/SpaPOWER9000000000000000000000000000000000000  | Backlight Type Source      | Full Array           |  |
| Audio Output Power (Watts)15W x 2Audio EnhancementDolby AtmosLANGUAGESEng/Fre/SpaOn-screen DisplayEng/Fre/SpaPOWER360 WStandby Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITYWi-Fi Built InWi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSHDMIHDMI4 x HDMI 2.0HDMI ARC & CECYes   | FilmMaker Mode             | Yes                  |  |
| Audio EnhancementDolby AtmosLANGUAGESOn-screen DisplayEng/Fre/SpaPOWERPower Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITYWi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSHDMI4 x HDMI 2.0HDMI ARC & CECYes  | AUDIO                      |                      |  |
| LANGUAGESOn-screen DisplayEng/Fre/SpaPOWERPower Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzPower Supply (Voltage/Hz)AC 120V,50/60HzWi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSHDMIHDMI4 x HDMI 2.0HDMI ARC & CECYes  | Audio Output Power (Watts) | 15W x 2              |  |
| On-screen DisplayEng/Fre/SpaPOWERPower Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITY802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSHDMI4 x HDMI 2.0HDMI ARC & CECYes   | Audio Enhancement          | Dolby Atmos          |  |
| POWER       Power Consumption     360 W       Standby Consumption     0.5W       Power Supply (Voltage/Hz)     AC 120V,50/60Hz       Power Supply (Voltage/Hz)     AC 120V,50/60Hz       CONNECTIVITY     K       Wi-Fi Built In     802.11 ac Dual band (2.4/5 GHz)       Bluetooth®     Yes       PORTS     4 x HDMI 2.0       HDMI ARC & CEC     Yes   | LANGUAGES                  |                      |  |
| Power Consumption360 WStandby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITYWi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSHDMI4 x HDMI 2.0HDMI ARC & CECYes  | On-screen Display          | Eng/Fre/Spa          |  |
| Standby Consumption0.5WPower Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITYWi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSHDMIHDMI ARC & CECYes  | POWER                      |                      |  |
| Power Supply (Voltage/Hz)AC 120V,50/60HzCONNECTIVITY802.11 ac Dual band (2.4/5<br>GHz)Wi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSYesHDMI4 x HDMI 2.0HDMI ARC & CECYes  | Power Consumption          | 360 W                |  |
| CONNECTIVITYWi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSHDMI4 x HDMI 2.0HDMI ARC & CECYes   | Standby Consumption        | 0.5W                 |  |
| CONNECTIVITYWi-Fi Built In802.11 ac Dual band (2.4/5<br>GHz)Bluetooth®YesPORTSHDMI4 x HDMI 2.0HDMI ARC & CECYes   | Power Supply (Voltage/Hz)  | AC 120V,50/60Hz      |  |
| WI-FI Built in GHz)   Bluetooth® Yes   PORTS HDMI   HDMI ARC & CEC Yes  |                            |                      |  |
| PORTS   HDMI 4 x HDMI 2.0   HDMI ARC & CEC Yes  | Wi-Fi Built In             |                      |  |
| HDMI 4 x HDMI 2.0<br>HDMI ARC & CEC Yes   | Bluetooth®                 | Yes                  |  |
| HDMI ARC & CEC Yes  | PORTS                      |                      |  |
| HDMI ARC & CEC Yes  | НДМІ                       | 4 x HDMI 2.0         |  |
|   |                            |                      |  |
| Ethemet (LAN) Yes   | Ethernet (LAN)             | Yes                  |  |
| USB 2 X (USB 2.0)   |                            |                      |  |
| RF Antenna 1  |                            |                      |  |
| RCA Composite Video Input 1   |                            | 1                    |  |
| L/R Audio Input for 1   | L/R Audio Input for        | 1                    |  |
| Digital Audio Output 1 Optical  |                            | 1 Optical            |  |
| Earphone/Audio Output 1   |                            |                      |  |

| OTHER FEATURES                    |                          |  |
|-----------------------------------|--------------------------|--|
| Noise Reduction                   | Digital Noise Reduction  |  |
| Parental Control                  | Yes                      |  |
| Closed Caption                    | Yes                      |  |
| Sleep Timer                       | Yes                      |  |
| Google Assistant                  | Yes                      |  |
| Alexa                             | Yes                      |  |
| Chromecast                        | Yes                      |  |
| Web Browser                       | Yes                      |  |
| МЕМС                              | Yes                      |  |
| 4K Upscale                        | Yes                      |  |
| WALL MOUNT                        |                          |  |
| VESA                              | M6 (800 x 400)           |  |
| ACCESSORIES                       |                          |  |
| Voice Remote                      | 1                        |  |
| Remote Battery                    | Yes x 2                  |  |
| Quick Start Guide and/or User     | English/Spanish/French   |  |
| Manual                            | English/ Spanish/ French |  |
| Power Cable                       | 1                        |  |
| DIMENSIONS/WEIGHT                 |                          |  |
| TV Dimensions (without the stand) | 74.9×42.8×3.5 inch       |  |
| TV Dimensions (with the stand)    | 74.9×46.6×18.7 inch      |  |
| TV Stand Width                    | 54.9 x 18.7 inches       |  |
| TV Weight (without the stand)     | 90.4 lbs                 |  |
| TV Weight (with the stand)        | 95.7 lbs                 |  |
| Carton Dimensions (WxHxD)         | 82.4×10.6 ×50.3 inch     |  |
| Shipping Weight                   | 133.2 lb                 |  |
| WARRANTY/UPC                      |                          |  |
| Warranty                          | 1 Year (at-home)         |  |
| UPC Code                          | 888143013862             |  |

\*Google TV is the name of this device's software experience and a trademark of Google LLC. Google and Chromecast built-in are trademarks of Google LLC. \*TV Casting optimized for selected services only. HDR\* viewing experience will vary by model, content availability and internet

connection.

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