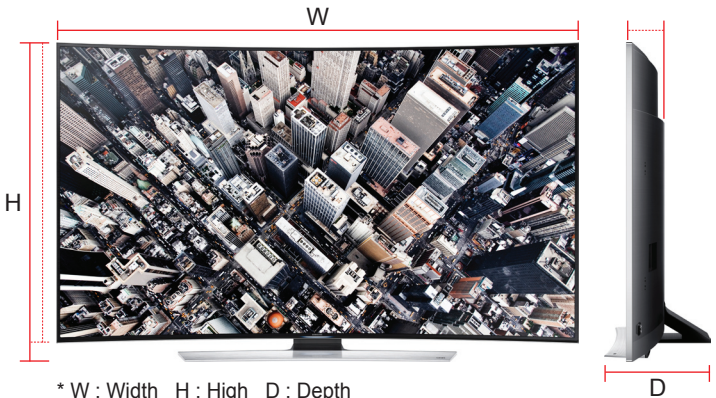


2. Product Specifications

2-1. Product information

Model	UN**HU9000G		
Front View	 * W : Width H : High D : Depth		
Detail View			
Color	Front Color : SILVER / Stand Color : SILVER		
Dimensions (W x H x D)	55"	Without Stand	1232.6 x 723.0 x 92.9 mm
		With Stand	1232.6 x 767.6 x 307.9 mm
	65"	Without Stand	1450.7 x 848.2 x 110.5 mm
		With Stand	1450.7 x 891.6 x 326.8 mm
Weight	55"	Without Stand	20.2 Kg
		With Stand	23.8 Kg
	65"	Without Stand	26.8 Kg
		With Stand	31.0 Kg
Panel Type	Ultra Contrast Panel		
Internal Memory	8GB (eMMC 4.41)		
DDR	DDR3-SDRAM, 512MB x 4, 933MHz (AP) DDR3-SDRAM, 128MB x 6, 933MHz (US) DDR3-SDRAM, 256MB x 2, 933MHz (MP)		
Feature	3D, MOIP, Media Bridge, Allshare, Internet TV, Built-in WiFi, Full Browser, Bluetooth		

2-2. Product specification

2-2-1. Feature & Specifications

■ Feature

- Digital-TV, RF, 4-HDMI, 1-Component, 2-A/V(Common Use for Component Y), 3-USB
- Dynamic Contrast Ratio : Mega DCR

■ Specifications

Model	UN55HU9000G		UN65HU9000G	
Item	Description			
Screen Size (Diagonal)	55 inches		65 inches	
LCD Panel	UHD 120Hz			
Scanning Frequency	Horizontal : 270KHz (TYP) Vertical : 120Hz (TYP)			
Display Colors	16.7M (True Display) / 1.07B (Dithered 10bit)			
Display Resolution	3840 X 2160			
Input Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω, internally terminated			
Input Sync Signal	H/V Separate, TTL, P. or N.			
Maximum Pixel Clock Rate	74.25MHz			
AC Power Voltage & Frequency	AC100-240V 50/60Hz			
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10% ~ 80%, non-condensing Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5% ~ 95%, non-condensing			
Sound (Output)	60W Front TW (10W + 10W) + Front Mid (10W + 10W) + Woofer (10W + 10W)			
Note : 3D, MOIP, Media Bridge, Allshare, Internet TV, Built-in WiFi, Full Browser, Bluetooth				

2-2-2. Detailed Specifications



NOTE

Design and specifications are subject to change without prior notice.

Item		UN**HU9000GXZD
General Information	Product	LED
	Series	9
	Country	BRAZIL
Display	Inch	55" / 65"
	Resolution	3,840 x 2,160
	Ultra Clear Panel	Yes
	Screen Curvature	4,200R
Video	Picture Engine	Quadmatic
	Clear Motion Rate	1440
	Dynamic Contrast Ratio	Mega Contrast
	Micro Dimming	UHD Dimming
	Precision Black (Local Dimming)	Yes
	Wide Color Enhancer (Plus)	Yes
	Wide Color Gamut	N/A
	Color Accuracy	Yes
	Auto Depth Enhancer	Yes
	Film Mode	Yes
	Natural Mode Support	Yes
Audio	Dolby MS10 / MS110	MS11
	DTS Studio Sound / DNSe+	DNSe+
	DTS Premium Sound / DTS Premium Sound 5.1	DTS Premium Sound 5.1
	3D Sound	Yes
	Auto Volume Leveler	Yes
	Sound Output (RMS)	60W
	Speaker Type	Front Firing + New Waveguide
	Woofer	Yes
	HD Audio	Yes
Smart TV	Smart Hub	Yes
	Samsung SMART TV	Yes
	On TV	No
	Movies & TV Shows	No
	Multimedia	Yes
	Apps	Yes
	News On	Yes

2. Product specifications

Item		UN**HU9000GXZD
Smart TV	Game	No
	My Space	N/A
	Social	Yes(27 Countries)
	Fitness	Yes
	Kids	N/A
	Multi-Screen (Dual / Quad Screen)	Quad
	Skype™ on Samsung TV	Yes
	Web Browser	Yes
	AllShare Control	Yes
	Search	Yes
Smart Interaction	Voice Interaction	Yes
	Voice Control	Yes
	Camera Built-in	Yes
	Face recognition	Yes
	Motion control	Yes
Smart Convergence	Contents Streaming	Yes
	Screen Mirroring	Yes
	Samsung SMART View	Yes
	Smart Home	No
	Wake On LAN	No
	WiDi	No
Tuner/Broadcasting	DTV Tuner	ISDB-T
	Analog Tuner	Yes
	MHP / MHEG / HbbTV / ACAP / GINGA / OHTV	GINGA
Connectivity	HDMI	4
	USB	3
	Component In (Y/Pb/Pr)	1
	Composite In (AV)	2(1Common Use for Component Y)
	Ethernet (LAN)	Yes
	Headphone	No
	Audio Out (Mini Jack)	Yes
	Digital Audio Out (Optical)	1
	PC In (D-sub)	N/A
	PC/DVI Audio In (Mini Jack)	N/A
	RF In (Terrestrial / Cable input)	1/1/0
	Ex-Link (RS-232C)	No
	IR Out	Yes
	CI Slot	No

Item		UN**HU9000GXZD
Connectivity	Scart	No
	MHL 3	N/A
	One Connect (Jack)	Yes
	WiFi Direct	Yes
	MHL	Yes
	Dongle Ready (3G / LTE)	No
	InstaPort S (HDMI quick switch)	N/A
	Wireless LAN Adapter Support	N/A
	Wireless LAN Built-in	802.11ac
	Anynet+ (HDMI-CEC)	Yes
Design	Design	Curved T-Shape
	Bezel Type	VNB
	Slim Type	Edge Slim
	Front Color	Black
	Light Effect (Deco)	Yes
	Stand Type	Curved T-Shape
	Swivel (Left/Right)	No
	Camera Type	N/A
Additional Feature	Samsung 3D	Yes
	3D Converter	Yes
	Instant On	Yes
	N-KIT	N/A
	Quad Core+	Yes
	Accessibility	TTS/Zoom
	Digital Clean View	Yes
	Auto Channel Search	Yes
	Auto Power Off	Yes
	Clock&On/Off Timer	Yes
	Sleep Timer	Yes
	BD Wise Plus	Yes
	Caption (Subtitle)	Yes
	ConnectShare™ (USB 2.0)	Movie
	AC/DC TV	N/A
	Sports Mode	Advanced(w/Soccer Panel)
	Screen Capture	N/A
	Sound Capture	N/A
	Embeded POP	Yes
	EPG	Yes

2. Product specifications

Item		UN**HU9000GXZD
Additional Feature	Extended PVR	Yes
	Game Mode	Yes
	History	Yes
	Multiroom Compatible	No
	OSD Language	Local Languages
	Picture-In-Picture	Yes
	USB HID Support	Yes
	Smart Evolution Support	Yes
	TV SoundConnect	Yes
	Teletext (TTXT)	No
	Time Shift	Yes
	Analog Clean View	No
	Triple Protector	No
	GUI	Golden Bridge
Eco Feature	Eco Mark	N/A
	Eco Label	N/A
	Eco Sensor	Yes
	Energy Efficiency Class	N/A
Accessory	3D Active Glasses (Included)	SSG-5100GB x 4
	Remote Controller Model	TM1460A
	Batteries (for Remote Control)	Yes
	Samsung Smart Touch Control (Included)	Yes
	Electric Stand Support	N/A
	Electric Wall Mount Support	N/A
	Ultra Slim Wall Mount Supported	No
	Mini Wall Mount Supported	Yes
	Vesa Wall Mount Supported	Yes
	Floor Stand Support	No
	TV Camera (Included)	N/A
	IR Extender Cable (Included)	Yes
	Network Speaker (Included)	N/A
	Wireless Keyboard (Included)	No
	Wireless LAN Adaptor (Included)	No
	User Manual	Yes
	E-Manual	Yes
	ANT-Cable	No
	Power Cable	Yes
	Slim Gender Cable	Yes

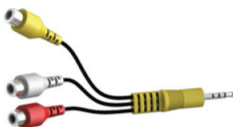
2-3. Accessories



NOTE

- The items' colors and shapes may vary depending on the model.
- Cables not included in the package contents can be purchased separately.
- The part code for some accessories may differ depending on your region.

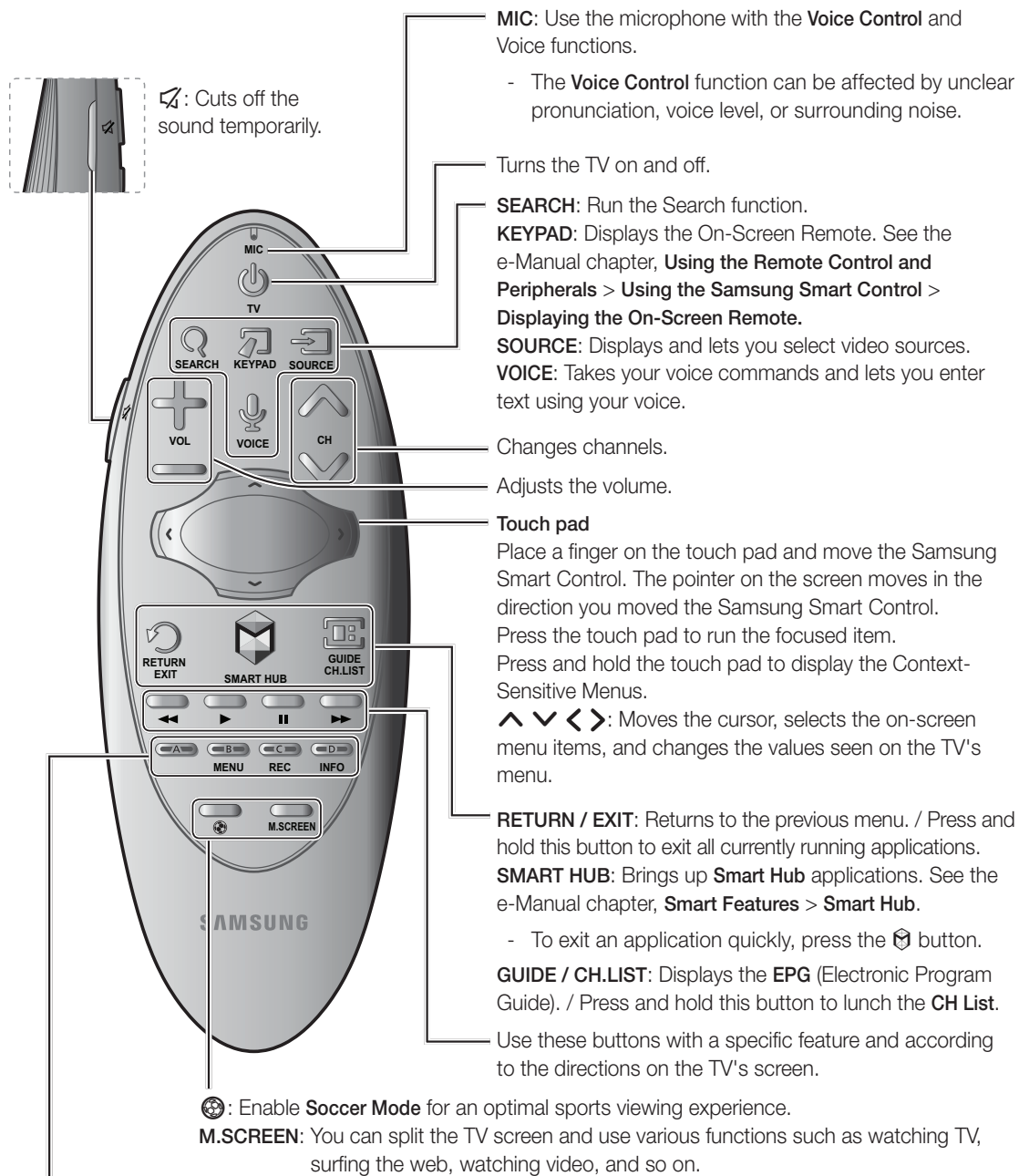
Product	Code. No	Product	Code. No
• Samsung Smart Control	BN98-05523A	• 3D Active Glasses	BN96-27418A
• Batteries (AA x 2)	4301-000101	• User Manual	BN68-06058A
• Power Cord	3903-000532	• Regulatory guide	BN68-04972A

Image	Product	Code. No
	• IR Extender Cable	BN96-31644A
	• AV Adapter	BN39-01154H
	• AUDIO OUT / COMPONENT IN / AV IN 1 Adapter	BN39-01900A
	• Cover-Wall Top 55 inches models: 2 pieces	BN63-12016A
	• Holder-Ring 55 inches models: 2 pieces 65 inches models: 4 pieces	BN61-10571A

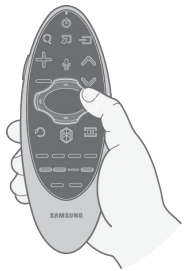
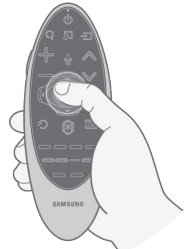
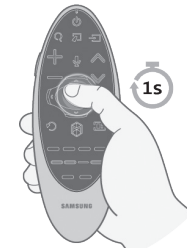
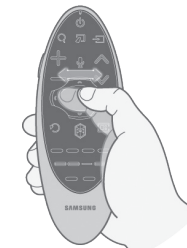
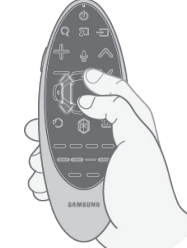
2-4. Viewing the Functions

2-4-1. Using the Samsung Smart Control

■ Buttons and Functions



■ Using the Touch Pad and the Directional Buttons

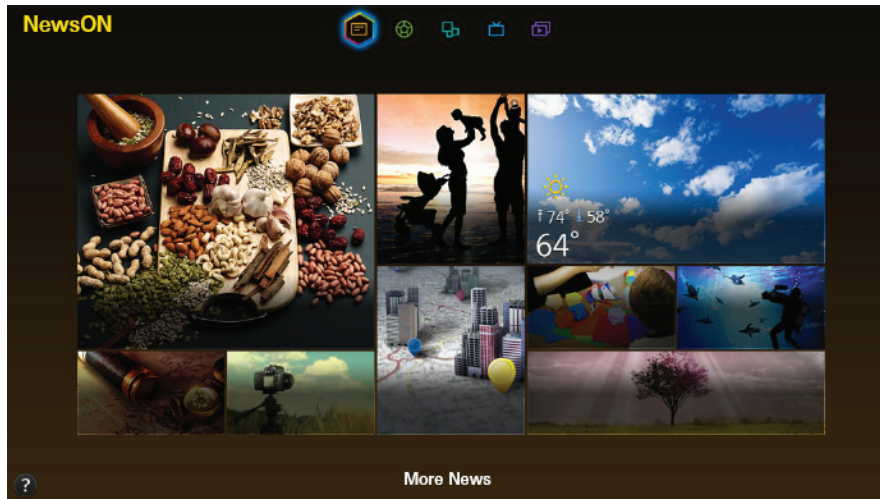
Image	Description
	Moving the Focus or Pointer Press the directional buttons (up, down, left, and right) to move the focus, pointer, or cursor in the direction you want.
	Entering the Menu / Selecting an Item To enter a menu or select an item, highlight the item or the menu title, or move the pointer over it, and then press the touch pad.
	Displaying Context-sensitive Menus in Smart Hub In Smart Hub, highlight an item, and then press and hold the touch pad. The context-sensitive menu for the item pops up. The context-sensitive menu may vary depending on the item you selected.
	Changing the Smart Hub Panel On a Smart Hub panel, drag left or right on the touch pad. The previous or next Smart Hub panel appears.
	Scrolling on the Web Browser When you are using the web browser, drag up or down on the touch pad to scroll the web screen.

2-4-2. Viewing the Panel

■ NewsON Panel

The screen shown may vary depending on the model.

This service may be not available depending on the country or region.



NewsON provides a real-world service that informs users of news and weather-related information in one place without the need for a newspaper, smartphone, or computer.

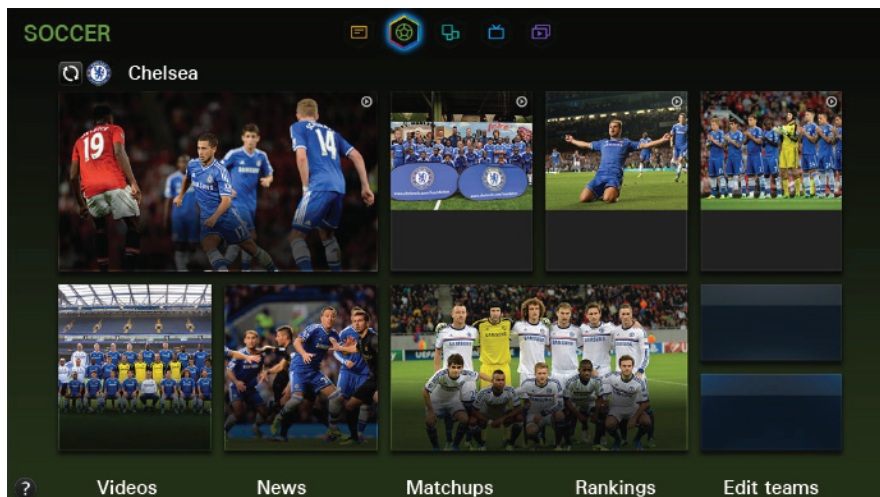
NewsON users can find daily information on a wide variety of topics in a smart and convenient way.

Updated in real time, **NewsON** informs users of the latest headlines, top stories, popular issues, and weather forecasts.

■ SOCCER Panel

The screen shown may vary depending on the model.

This service may be not available depending on the country or region.

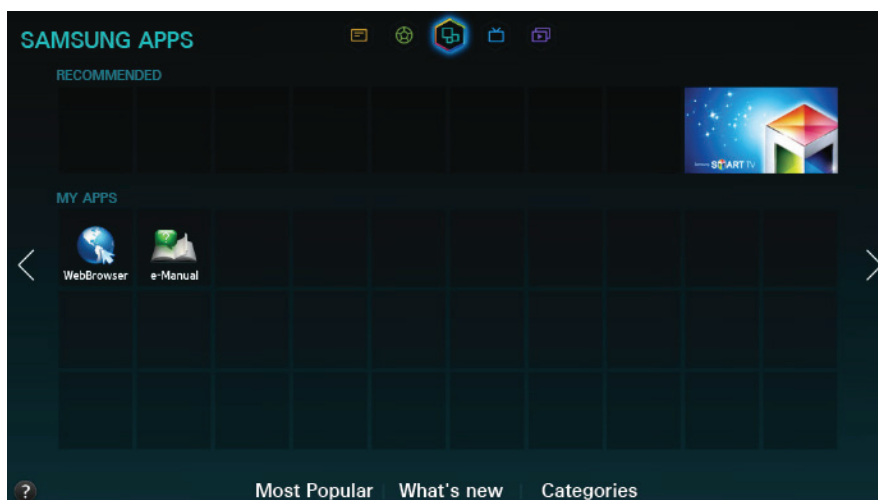


The **SOCCER** panel offers a variety of information about world soccer matches, featuring videos, news, matchups, and ratings. Adding a favorite team to the Favorite list allows easy access to information about team.

- Before you use the **SOCCER** panel, check if the TV is connected to the Internet. An Internet connection is required to access the **SOCCER** panel.
- To view the Quick Guide, select the ? button.

■ SAMSUNG APPS Panel

The screen shown may vary depending on the model.



Smart Hub offers a variety of free news, sports, weather, and gaming content you can directly install and enjoy on your TV as you do on your smartphone or tablet.

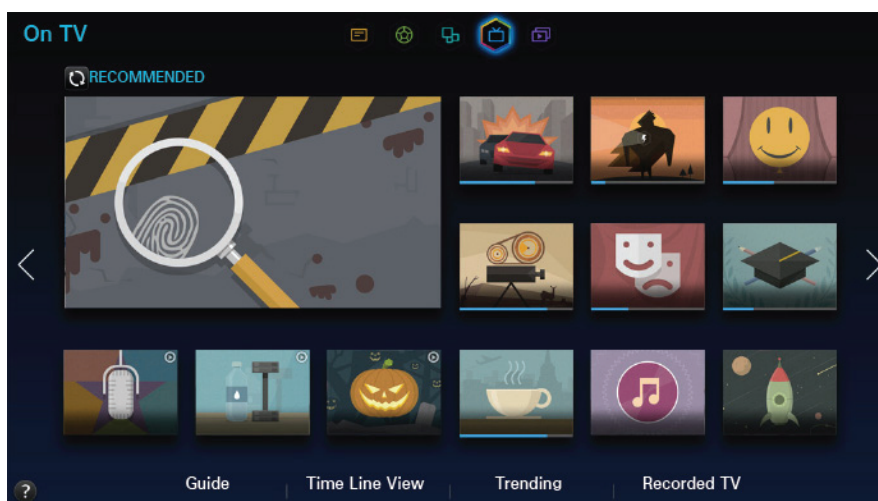
- Before you use **SAMSUNG APPS**, check if the TV is connected to the Internet. Your TV must be connected to the Internet in order to use **SAMSUNG APPS**.
- When the Smart Hub is launched for the first time, the default apps are automatically installed. The default apps may differ depending on the region.

■ On TV Panel

The screen shown may vary depending on the model.

Availability depends on the specific area.

Availability of recommended content depends on the specific model and area.



If you move to the **On TV** panel in the Smart Hub, you can view the program list of the channels recommended by Smart Hub while you are watching a program.

- Before you use **On TV**, check if the TV is connected to the Internet. The TV must be connected to the Internet in order to use **On TV**.
- The channels or programs recommended by **On TV** may differ from the actual ones depending on the broadcast information provider.

■ Multimedia Panel (Playing Photos, Videos, and Music)

The screen shown may vary depending on the model.

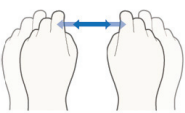
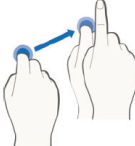


You can play media content saved on a USB device, smartphone, camera, computer, or cloud service on the TV.

- However, you cannot play media content if the content or the storage device is not supported by the TV. For more information, refer to "**Read Before Playing Photo, Video, or Music Files**".
- Backup important files before connecting a USB device. Samsung is not responsible for damaged or lost files.

2-4-3. Motion Control

The following basic motion control commands are available:

Image	Description
	Moving the pointer Moving your hand moves the pointer accordingly.
	Selecting an item Fold down and raise your index finger to select items. This is the equivalent of clicking a mouse button. You can select a TV menu or run a function. Keeping your index finger lowered is like holding down a remote control button.
	Returning to the previous menu Make a circle with your hand in the counterclockwise direction to return to the previous menu.
	Moving from one Smart Hub panel to another Move your hand from left to right or from right to left as you would turn a book page. You can move directly from one Smart Hub panel to another. Example: SAMSUNG APPS panel → On TV panel
	Displaying the Context-sensitive Menu on Smart Hub Fold your index finger down for 1 second and then raise it. This displays the context-sensitive menu that is available for the selected item.
	Zooming the picture on the screen in or out Facing the camera, raise both hands, and then raise the index finger on both hands. Two pointers appear on the screen when the TV recognizes the hands. Fold the index fingers of both hands down, and then horizontally widen or close your hands. This lets you zoom the picture on the screen in or out when the TV is displaying a web page, map, or photo.
	Panning a Zoomed-in Picture To pan a zoomed-in picture, fold the index finger on one hand down, move the hand in the desired direction, and then raise the index finger.
	Rotating a Picture Facing the camera, raise both hands, and then raise the index finger on both hands. Two pointers appear on the screen when the TV recognizes the hands. Fold the index fingers of both hands down, and then make a circle with your hands in clockwise or counterclockwise direction. You can rotate the picture when a video or photo is displayed on the screen.
	Using Like function On Facebook, without activating Motion Control, face the camera, and then raise and hold a thumb up for 2 seconds. This automatically adds the Facebook 'Like' icon. Available only in Facebook.