

Text Input

IME Composition of Samsung SMART TV

When entering text on a Samsung SMART TV using a remote control, Smart Control, keyboard, mouse or gestures, it must be done using the Samsung IME provided by the system. Refer to **Figure 4-1** for the layout of Samsung IME.

1. Input window

Input Guide Message

Displays necessary messages such as "Enter ID.", "Enter ID. (The ID you entered does not exist.)"

Input Status

Shows information about current input status such as "Number of characters entered"/"Maximum characters that can be entered"

Input Window

An area where the input text is displayed. (the input window shown in **Figure 4-2** is provided for multiple line inputs)

2. Recommended

An area for displaying the recommended words provided by the content or the XT9 engine. Words recommended by the content are provided by the developer of the application, and the developer can choose to provide a Recommended feature in the development stage. If there are no words recommended by the content, XT9 recommended words are provided. However, recommended words are not provided when entering passwords.

3. On Screen Keypad

Allows the users to enter text by selecting keys on the onscreen keypad. When the DONE button is pressed, the entered word is confirmed and IME is closed.

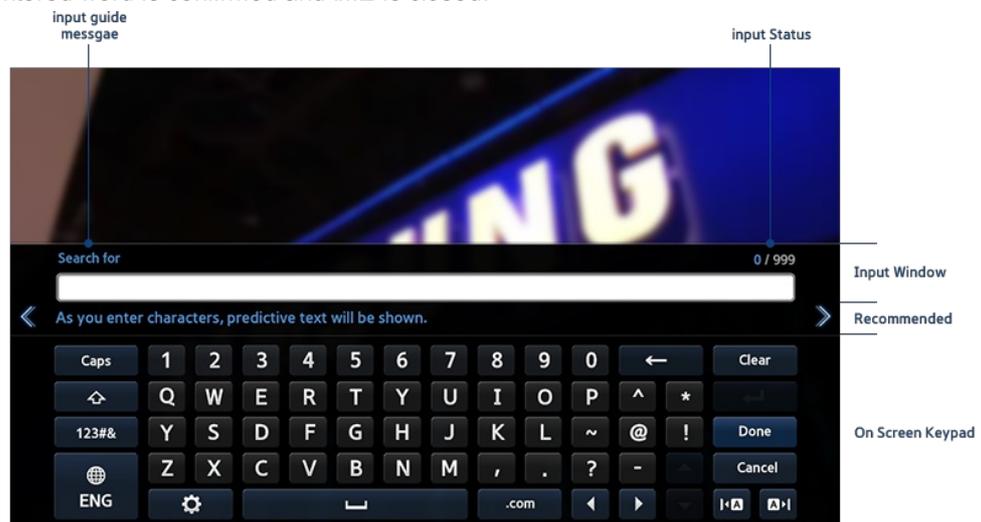


Figure 4-1. IME Screen Layout



Figure 4-2. Multiple line input window

IME Controls by Input Methods

The IME can be controlled by methods described below, depending on the input method.

1. Using Smart Control (4-direction control) or a standard remote control

1.1 Move the focus and select the desired key

1.2 (If Recommended is turned on) Displays the Recommended word based on what has already been typed

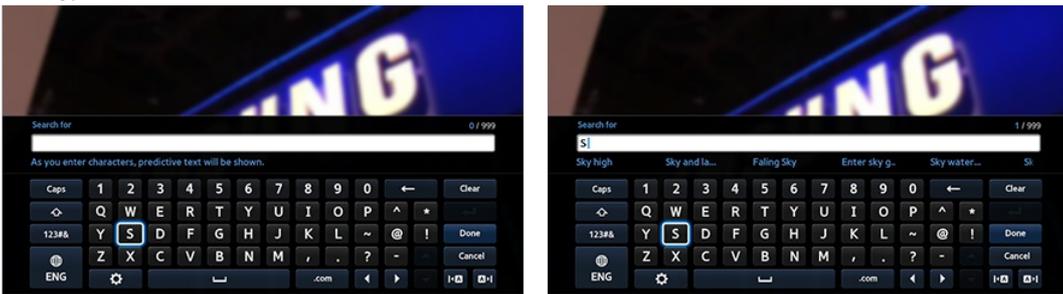


Figure 4-3. Direction Control

2. Using Smart Control (Pointer control), mouse, or gestures

Move the pointer and select the desired key

(If Recommended is turned on) Displays the Recommended word based on what is typed already

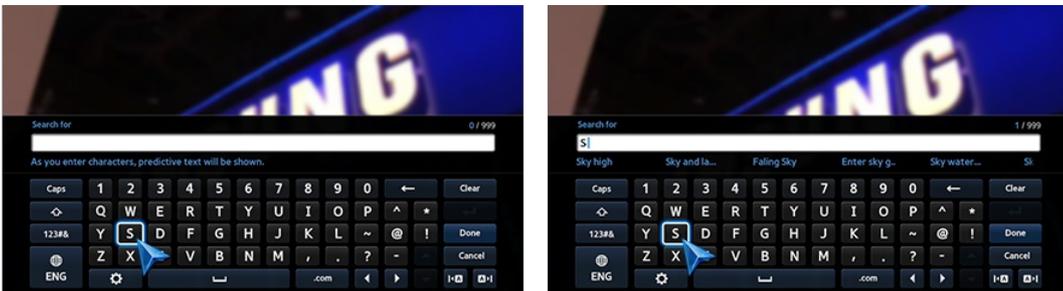


Figure 4-4. Pointing control

IME Categorization

The suitable IME can be selected and provided depending on the properties and purpose of the input window.

Input window properties are categorized as follows.

Categorization by properties	Description
Single line	Text input occurs within a single line. Applied when entering a small amount of text.
Multiple lines	Text input occurs over multiple lines. Applied when entering large amount of text.

Table 4-1. Categorization by properties

Input window purposes are categorized as follows.

Categorization by purpose	Description	Mandatory application

Categorization by purpose	Description	Mandatory application
General input	Applied when entering basic text.	Optional
Password input	Applied when entering passwords.	Mandatory
English-only input	Applied when entering passwords.	Optional
Number-only input	Applied to input windows when entering numbers only as part of consecutive input If text-input IME is applied to one or more input fields that are part of a consecutive input, number-only IME is applied to the number-only input fields * Refer to Chapter 3.1.2.1 if all the input fields within the window are number-only input fields.	Mandatory

Table 4-2. Categorization by purpose

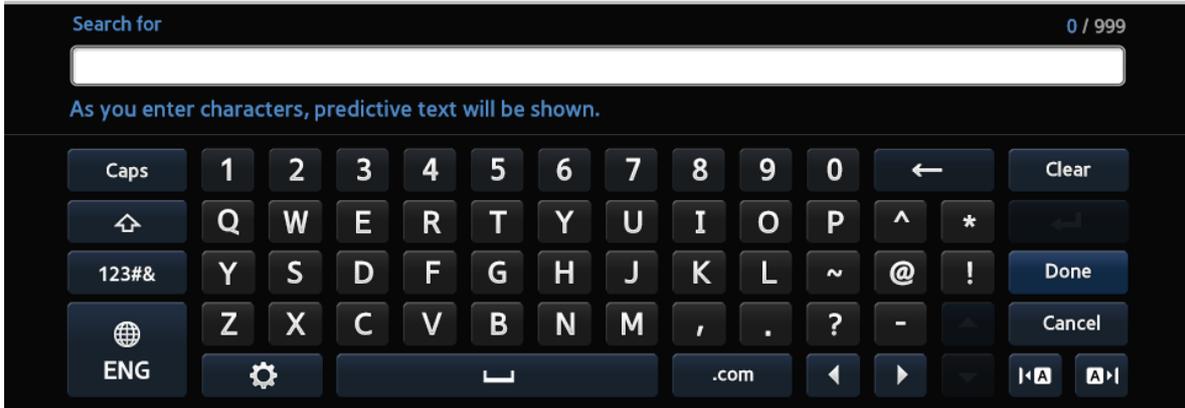


Figure 4-5. General input



Figure 4-6. Password input



Figure 4-7. English-only input

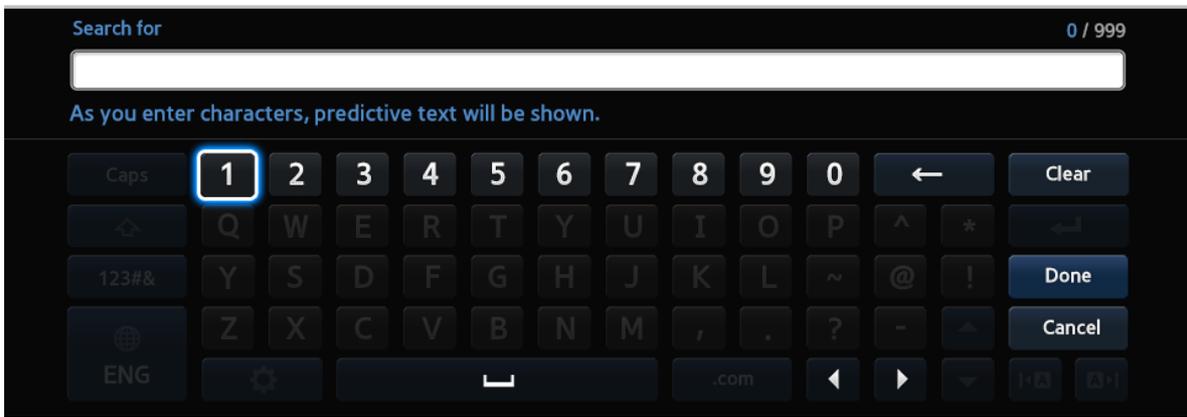


Figure 4-8. Number-only input

Consecutive Input

If there are multiple input fields within a single screen, an IME for consecutive input can be provided. Unlike general input, consecutive input provides a [NEXT] button instead of a [DONE] button when the consecutive input is in progress. When the [NEXT] button is selected, it automatically switches to the IME for the next input field.

e.g.) When entering ID and password

When the user presses [NEXT] after entering the ID, it automatically switches to the password input window.

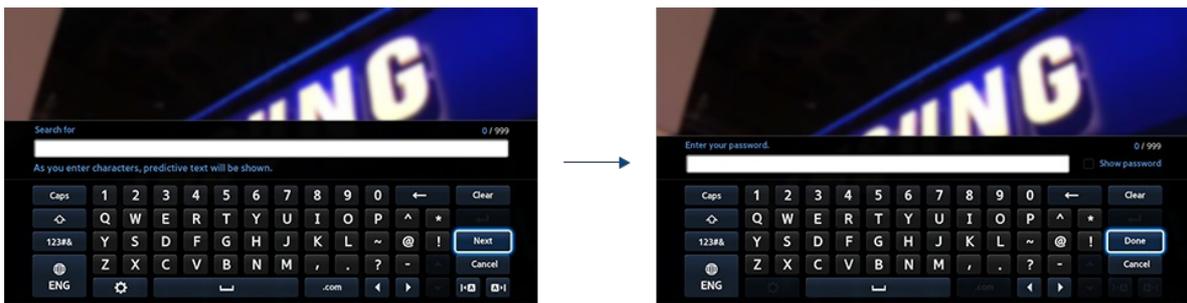


Figure 4-9. When entering ID and password consecutively

When using the keyboard

When a keyboard is used, the Onscreen Keypad is not shown on the screen.

To enter text using a keyboard, it must use the Samsung IME provided by the system.

When a keyboard input occurs, the IME changes as shown in **Figure 4-10**.

Returning to the normal IME requires one of the following actions.

- Select the input window using a standard remote control or a Smart Control (ENTER button)
- Click the input window with a mouse

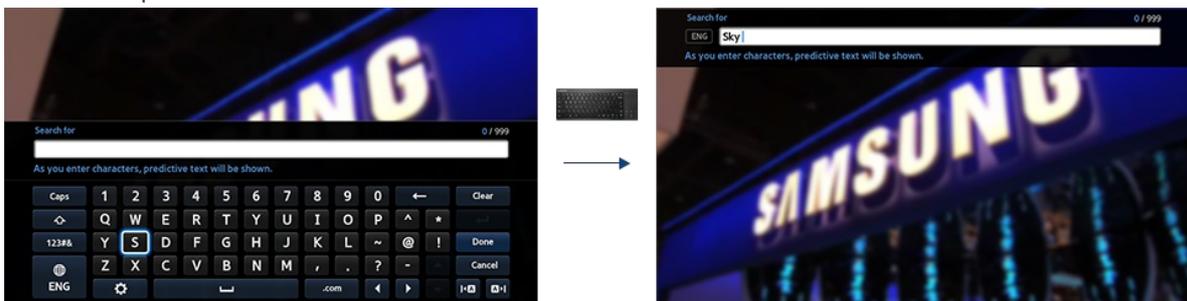


Figure 4-10. When entering text using a keyboard