

UCSICON Command — GstarCAD 2027

2964 kbadmin September 25, 2026 [Command Reference](#) 0 11

UCSICON Command

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Function Description:

This command is used to control the visibility, position, appearance, and option of the UCS icon.

The UCS icon displays the position and direction of the current UCS.

The coordinate system is different in paper space and model space. In the model space, user can switch between 2D and 3D styles.

- **2D:** If the UCS is the same as the WCS, the letter Z in the UCS is replaced by the letter W. If rotating the UCS to make the Z axis on a plane that parallel to the viewing plane (in other word, the XY plane seems as a line for observer), the 2D UCS icon becomes a break sketch.

- **3D:** If the current UCS is the same as the WCS, looking down the UCS (the positive direction of the Z axis), the origin in the XY plane displays as a box, looking up the UCS, the box disappears.

Command Access:

Menu: View > Display > UCS

Icon > ...

Ribbon: View > Ordinate > UCSICON

Toolbar: /

Command:

UCSICON

Alias: /

Icon:

Command Prompts:

Enter an option [ON/OFF/All/Noorigin/ORigin/Properties]

<On>:

ON

Displays the UCS icon.

OFF

Turns off display of the UCS icon.

ALL

Applies all changes on all active viewports. Otherwise, the UCSICON command only has effect on

the current viewport.

Noorigin

No matter where is the origin, the UCS icon displays at the left-bottom of the viewport.

ORigin

Displays the UCS icon at (0, 0, 0). If the origin is out of the current viewport, the UCS icon is displayed at the left-bottom of the viewport.

Properties

Displays the [UCS Icon dialog box](#), users can control the style, visibility, and position of the UCS icon.

Related References?

- [Commands about the UCS](#)
- [Commands about Customizing the Drawing Environment](#)

Related Tasks?

- [To Set Drawing Options](#)
- [To Turn On or Off the UCS Icon](#)
- [To Change the Appearance of the UCS Icon](#)
- [To Display the UCS Icon at the UCS Origin](#)

Other versions with matching text

[2023](#) · [2024](#) · [2025](#) · [2026](#)

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