

Mesh

The Mesh entity stores a raw mesh. Currently, only the FBX and OBJ mesh formats are supported.

Once you select “Mesh” from the “Add Object” button, you will see the following options:

UPLOAD MESH

Item Name *

New Mesh

Capture Date

03/24/2025 08:47 AM

Column Meta *

Horizontal datum *

World Geodetic System 1984 (WGS 84)

Vertical datum *

World Geodetic System 1984 (WGS 84)

Projection *

Mercator

Horizontal Units *

Meters

Vertical Units *

Meters

CHOOSE FILE

CANCEL

CREATE

Item Name	A readable name for the new entity
Capture Date	An optional field containing the original capture date

Horizontal Datum	Horizontal datum used in the point cloud
Vertical Datum	Vertical datum used in the point cloud
Projection	Projection used by the point cloud
Horizontal Units	Horizontal unit type used in the point cloud
Vertical Units	Vertical unit type used in the point cloud

The coordinates for vertices in this mesh will be assumed to already be in the project’s coordinate space. For this reason, the system does not request information for the coordinate system of the raw data.

Click on “Choose File” to select the OBJ or FBX file for the mesh. It is possible to supply a ZIP archive that contains the FBX/OBJ files.

Click on “Create” to begin the upload process. You can track the upload operation from the “Pending” section in the project’s page.