

# TG-4 TeleGlide® Track System



Ultra-quiet, even at high speeds, the TeleGlide® TG-4 is the fourth generation Camera Track System from EVS. It can be configured to operate on straight, "S" and curved track requirements for television studio, conference room, sports and House of Worship applications.

## Built-In Leveling Avoids "Image Wobble"

The complete system features floor and ceiling tracks with smooth transitions between sections with built-in Leveling capability. The system's trapezoid design eliminates the dreaded "image wobble" that is found with other robotic camera track systems and allows reliable on-air use.

## Easy Installation

Easy to install, the TG-4 features a streamlined trolley and track design, which requires minimal space. The field upgradable TG-4 track frame is constructed of lightweight aluminum components, making it easy to set it and tear down.

## Stable, Triple Balance System

A Triple Balance System provides for increased stability and the tracks can be mounted to the floor or ceiling. The TG-4 is fully servo controlled, providing accurate preset positioning and repeatable motion. It's also compatible with all EVS Pan/Tilt Heads, Extendable Camera Mounts, Telescoping Camera Mounts and Control Systems. Custom track lengths and cable management systems are available upon request.

## Available Options

Special options for the TG-4 product family include a wireless transmitter/rechargeable battery system that eliminates the burdens of cables, automated Collision Avoidance whereby a ceiling mounted camera can be set up to automatically avoid unwanted collisions with physical obstructions.



# TG-4 TeleGlide® Track System

SPECIFICATIONS	
Track Dimensions	20.0" (508 mm) W x 6.8" (73 mm) H
Track Weight	11.5 lbs/ft
Track Min. Radius	6.5' (to Center Line)
Acceleration	1 ft/s <sup>2</sup> (0.3 m/s <sup>2</sup> )
Trolley Dimensions	35" (887mm) L x 25.7" (652 mm) W x 11" (282 mm) H
Trolley Velocity	.02 in/sec to 3ft/sec
Trolley Weight	70 lbs
Trolley Load	300 lbs
Servo	4th Generation Velocity and Positional Servo
Power Requirements	48V DC, 3A (6A peak)
Operating Temperature	0° C to 45° C (32° F to 113° F)

Specifications and features subject to change without notice

ORDERING INFORMATION	
MODEL NUMBER	DESCRIPTION
TG4-FTK-XXX*	Track Floor Mount
TG4-CTK-XXX*	Track Ceiling Mount
TG4-TRO-C	TeleGlide Trolley Ceiling
TG4-TRO-F	TeleGlide Trolley Floor
TGO-TRO-CA	TeleGlide Trolley Collision Avoidance
TG-ACT	Cable Management System Floor
TG-CCT-E	Cable Management System Ceiling
TG-ACT-E	Cable Management System Floor Embedded

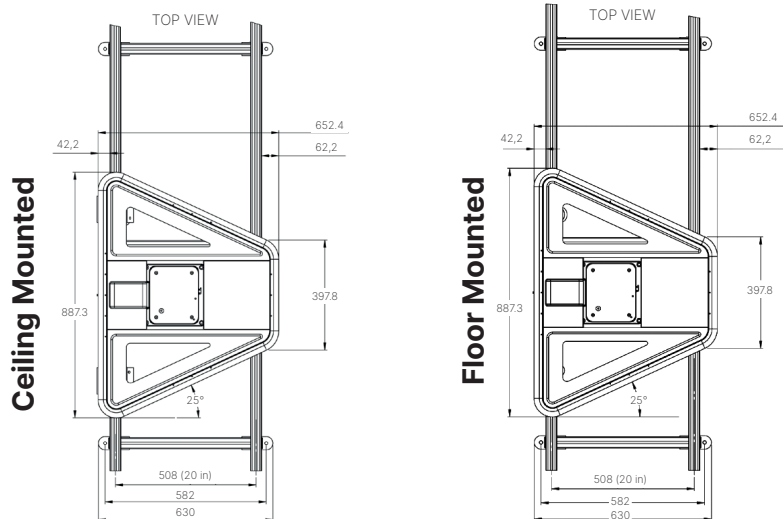
\* XXX = 000-499: A straight track with XXX-feet  
 XXX = 500-999: A track with custom bends

**For Design Purposes:** Cable management needs a parking area on a track that can not be used by the trolley. To calculate the distance required:

TG-ACT Cable Management System Floor: 2 ft per 10 ft of track is required  
 TG-CCT Cable Management System Ceiling: 1 ft per 10 ft of track is required

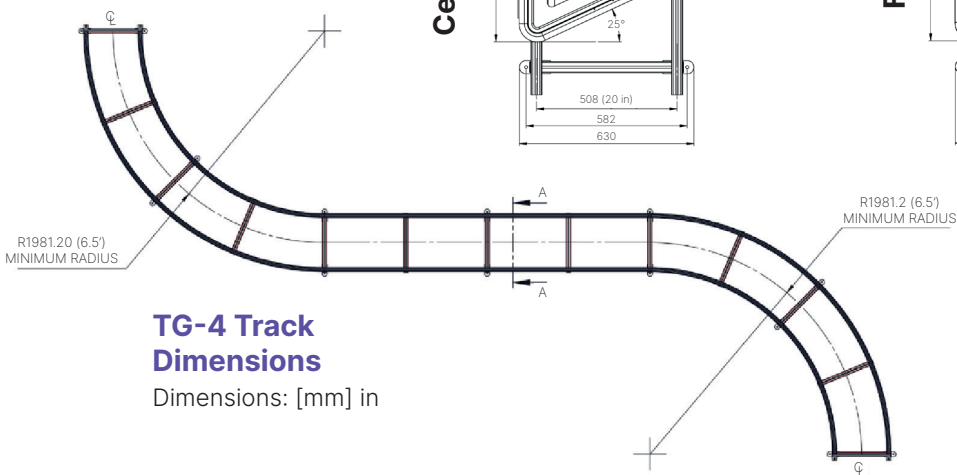
## TG-4 Trolley Outline Dimensions

Dimensions: [mm] in



## TG-4 Track Dimensions

Dimensions: [mm] in



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