

[AVFoundation](#) / [AVCaptureAutoExposureBracketedStillImageSettings](#)

Class

# AVCaptureAutoExposureBracketedStillImageSettings

A configuration for defining bracketed photo captures in terms of bias relative to automatic exposure.

iOS 8.0+ | iPadOS 8.0+ | Mac Catalyst 14.0+ | tvOS 17.0+

```
class AVCaptureAutoExposureBracketedStillImageSettings
```

## Mentioned in

 Capturing a bracketed photo sequence

## Overview

An [AVCaptureAutoExposureBracketedStillImageSettings](#) instance defines the exposure target bias setting that should be applied to one image in a bracket. An array of [AVCaptureAutoExposureBracketedStillImageSettings](#) objects is passed to `captureStillImageBracketAsynchronouslyFromConnection:withSettingsArray:completionHandler:` to specify the bracketing.

The minimum and maximum exposure target bias are properties of the [AVCaptureDevice](#) instance supplying data to an [AVCaptureStillImageOutput](#) instance. If you wish to leave `exposureTargetBias` unchanged for this bracketed still image, you may pass the value `AVCaptureExposureTargetBiasCurrent`.

# Topics

## Creating an auto exposure settings instance

```
class func autoExposureSettings(exposureTargetBias: Float) -> Self
```

Creates an `AVCaptureAutoExposureBracketedStillImageSettings` using the specified exposure target bias.

## Getting the exposure target bias

```
var exposureTargetBias: Float
```

The exposure bias for the auto exposure bracketed settings

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## Relationships

### Inherits From

`AVCaptureBracketedStillImageSettings`

### Conforms To

`CVarArg`  
`CustomDebugStringConvertible`  
`CustomStringConvertible`  
`Equatable`  
`Hashable`  
`NSObjectProtocol`

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## See Also

### Bracketed settings types

```
class AVCaptureManualExposureBracketedStillImageSettings
```

A configuration for defining bracketed photo captures in terms of specific exposure and ISO values.

`class AVCaptureBracketedStillImageSettings`

The abstract superclass for bracketed photo capture settings.