

[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

Relationships

Inherits From

AVCaptureBracketedStillImageSettings

Conforms To

CVarArg
CustomDebugStringConvertible
CustomStringConvertible
Equatable
Hashable
NSObjectProtocol

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.