

[Video Toolbox](#) / Video Encoder List Keys

API Collection

# Video Encoder List Keys

Dictionary key constants to use to retrieve video encoder information.

## Overview

Use these keys to pass to the [`VTCopyVideoEncoderList\( \_ : \)`](#) function.

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## Topics

### Encoder Keys

`let kVTVideoEncoderList_EncoderID: CFString`

A key that identifies the encoder ID.

`let kVTVideoEncoderList_EncoderName: CFString`

A key for the encoder's name.

`let kVTVideoEncoderList_DisplayName: CFString`

The encoder's display name key.

`let kVTVideoEncoderList_CodecType: CFString`

The encoder's codec type key.

`let kVTVideoEncoderList_CodecName: CFString`

The encoder's codec name key.

`let kVTVideoEncoderList_GPURegistryID: CFString`

```
let kVTVideoEncoderList_InstanceLimit: CFString  
let kVTVideoEncoderList_IsHardwareAccelerated: CFString  
let kVTVideoEncoderList_PerformanceRating: CFString  
let kVTVideoEncoderList_QualityRating: CFString  
let kVTVideoEncoderList_SupportedSelectionProperties: CFString  
let kVTVideoEncoderList_SupportsFrameReordering: CFString  
let kVTVideoEncoderListOption_IncludeStandardDefinitionDVEncoders: CFString
```

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## See Also

### Codec Support

```
func VTIsHardwareDecodeSupported(CMVideoCodecType) -> Bool
```

Returns a Boolean value that indicates whether the current system supports hardware decode for the specified codec.

```
func VTRegisterProfessionalVideoWorkflowVideoEncoders()
```

Loads encoders appropriate for the client's professional video workflows.

```
func VTRegisterProfessionalVideoWorkflowVideoDecoders()
```

Loads decoders appropriate for the client's professional video workflows.

```
func VTRegisterSupplementalVideoDecoderIfAvailable(CMVideoCodecType)
```

Registers a video decoder for the specified codec type, if one exists on the current system.

```
func VTCopySupportedPropertyDictionaryForEncoder(width: Int32, height: Int32, codecType: CMVideoCodecType, encoderSpecification: CFDictionary?, encoderIDOut: UnsafeMutablePointer<CFString?>?, supportedPropertiesOut: UnsafeMutablePointer<CFDictionary?>?) -> OSStatus
```

Builds a list of supported properties and encoder ID for an encoder.

```
func VTCopyVideoEncoderList(CFDictionary?, UnsafeMutablePointer<CFArray?>) -> OSStatus
```

Builds a list of available video encoders.