

# Base Video Data

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Base Video Dataset.

```
class anomalib.data.base.video.AnomalibVideoDataModule(train_batch_size,  
eval_batch_size, num_workers, val_split_mode, val_split_ratio,  
test_split_mode=None, test_split_ratio=None, image_size=None,  
transform=None, train_transform=None, eval_transform=None, seed=None)
```

Bases: `AnomalibDataModule`

Base class for video data modules.

```
class anomalib.data.base.video.AnomalibVideoDataset(task,  
clip_length_in_frames, frames_between_clips, transform=None,  
target_frame=VideoTargetFrame.LAST)
```

Bases: `AnomalibDataset`, `ABC`

Base video anomalib dataset class.

### Parameters:

- **task** (*str*) – Task type, either ‘classification’ or ‘segmentation’
- **clip\_length\_in\_frames** (*int*) – Number of video frames in each clip.
- **frames\_between\_clips** (*int*) – Number of frames between each consecutive video clip.
- **transform** (*Transform, optional*) – Transforms that should be applied to the input clips. Defaults to `None`.
- **target\_frame** ([VideoTargetFrame](#)) – Specifies the target frame in the video clip, used for ground truth retrieval. Defaults to `VideoTargetFrame.LAST`.

*property* **samples**: *DataFrame*

Get the samples dataframe.

```
class anomalib.data.base.video.VideoTargetFrame(value, names=None, *,
module=None, qualname=None, type=None, start=1, boundary=None)
```

Bases: `str`, `Enum`

Target frame for a video-clip.

Used in multi-frame models to determine which frame’s ground truth information will be used.

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