Datasets

REDS

- `300` Sequences
  - `240` for training
  - `30` for validation
  - `30` for testing
- Each sequence contains `100` video frames with `1280x720` resolution at `24` fps.
- To generate the low-resolution data, the videos are bicubic downsampled by scale `4`, which means the low-resolution frames have the `320x180` resolution.
- The low-resolution images are considered as input, and the high-resolution images are the target.

Spatio-Temporal

- only use the even-numbered frames `(00, 02, ..., 98)` with Low-Resolution, and output all of the frames `(00, 01, ..., 99)` in High-Resolution.
- Namely, This challenge track is for `x4` spatial super-resolution and `x2` temporal super-resolution.