Comparison of ST adapter energy-saving and cost-effective performance

The adapter architecture is described as (# adapter layers x # bottleneck channels). This is a reproduced code, so the accuracy of the checkpoints may slightly differ from the numbers reported in ...

It provides demo board data showing the solutions achieve over 88% and 91% average efficiency at 115V and 230V respectively. Synchronous rectification using ...

Extensive experiments on video action recognition tasks show that our ST-Adapter can match or even outperform the strong full fine-tuning strategy and state-of-the-art video models, whilst enjoying the ...

Summary: This paper proposes a new Spatio-Temporal Adapter (ST-Adapter) for parameter-efficient fine-tuning on video tasks. With a much smaller trainable parameter, ST-Adapter ...

In this work, we investigate such a novel cross-modality transfer learning setting, namely parameter-efficient image-to-video transfer learning. To solve this problem, we propose a new...

we also show the performance impact of using fewer ST-Adapters. As shown in Table 5b, while more ST-Adapters tend to do better, ST-Adapters at deeper layers boost

To enhance the decision-making process of the concerned parties with evidence-based comprehensive tools, we perform a literature review on the costs and benefits associated with energy ...

4. Ablation Study on Efficiency The same ViT-B/16 with CLIP pre-training is used for all experiments. Models & source code: https://github /linziyi96/st-adapter

us work. Extensive experiments on video action recognition tasks show that our ST-Adapter can match or even outperform the strong full fine-tuning strategy and state-of-the-art video models, whilst ...

For each entry, we report the top1 action recognition accuracy and the number of fine-tuned parameters. All methods introduce extra parameters beside parameters of the ViT backbone and linear classifier. ...

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Web: https://maxtools.co.za