

Introduction to the HyperDeck Control Protocol

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HyperDeck Studio 12G

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Remote In

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Remote In

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Ethernet

HyperDeck Studio Mini



Ethernet

Ethernet Services



- FTP for remote upload and download of media files
- Blackmagic HyperDeck Ethernet Protocol for transport control
- TCP, port 9993
- Text-Based Protocol

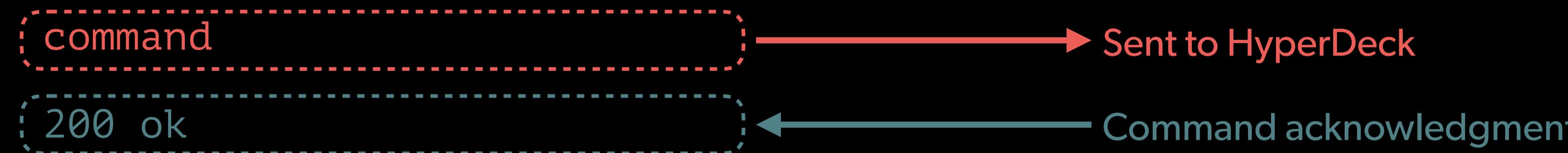
Commands



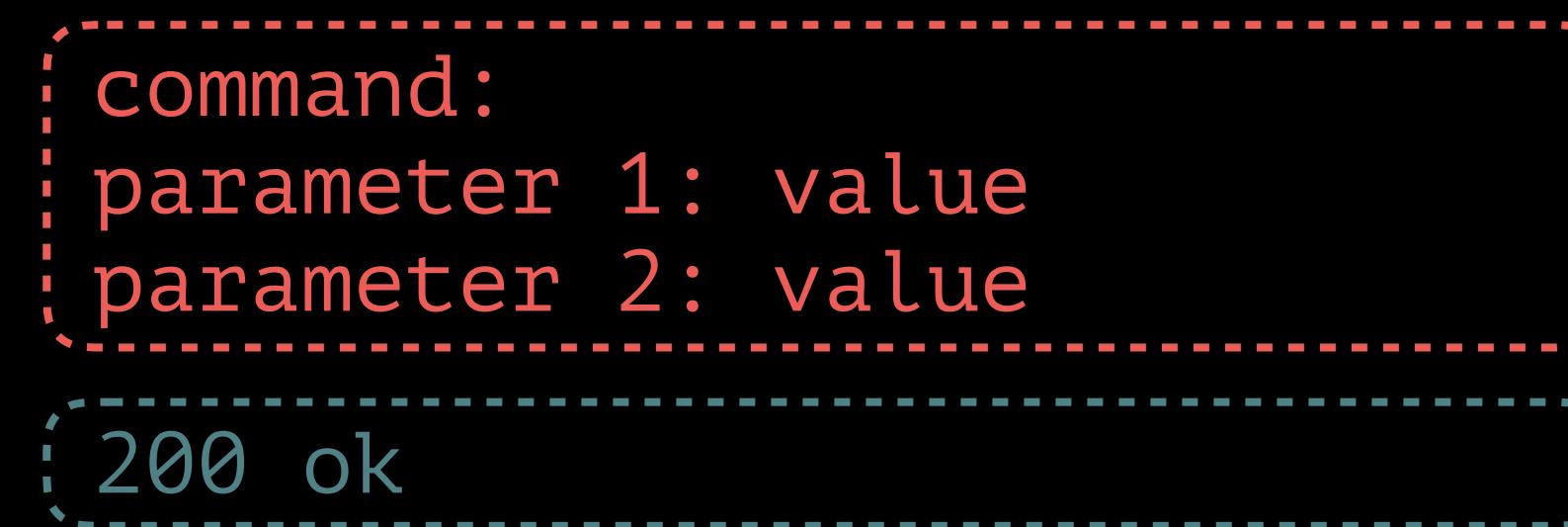
- Transport control
 - Play, stop, record, jog, shuttle
- Configure the HyperDeck
 - Set video standard, change codec, switch active disk
- Query Deck State
 - Available clips (name, duration, timecode)
- Build a Timeline

Command Format

- Simple Command:



- Command with Parameters:



- Command with Response:



Command Examples

- Simple Command:

```
stop  
200 ok
```

- Command with Parameters:

```
play:  
speed: 50  
200 ok
```

- Command with Response:

```
configuration  
211 configuration:  
video input: SDI  
audio input: embedded
```

Demonstration

More Information



- Blackmagic Design Developer Support website
- Blackmagic Design Software Development forum
- Developer Support email - developer@blackmagicdesign.com

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