

Speaker(s)

Cam 1 + lenses
Cam2 (opt)
Lav Mic
Wireless pair
Computer
Switcher
Aud Mic (opt)
Amb Mic (opt)
Tripods (1+)
Sandbags
Headphones

HDMI/HDMI - 6+ft (2)
HDM/HDMI - 15 ft
HDM/HDMI - 25ft
USB-C/USB-C Gen 3.0+ 1m
UCB-C/USB-A Gen 3.0 1m
XLR/3.5mm (m) - short
XLR/XLR - 20ft (opt)
3.5mm/XLR - short (opt)
XLR/3.5mm - short (opt)
Power Squid

Using 4-port HD switcher

Advantage:
small, less expensive, can stream
directly from it, has titling, cuts, etc.

Disadvantage:
use of HDMI cabling limited to ~26 ft.
Limited outputs
Computer handling required

Here we use direct output from
computer to output. Program output is
only available on stream.

Note that cameras may record their
own copy for post-production.
Mic feeds into camera OR some other
sync-audio required.

Questions: should we put a Cloner box
in the loop for presentation backup?

Main Equipment
ATEM Studio Mini
Audio Mixer?

Rough Cost: \$300
recording with computer

Need 7 ft of cable from bench
To projector input.

Wireless
Xmitter

Speaker
Lav Mic

Wireless
Rcvr
3.5/XLR

Audience
Mic (opt)

Wireless
Xmitter

Ambience
Mic (opt)

Wireless
Rcvr
3.5

Cam 1

HDMI
6-10 ft H

Cam 2
(Optional)

HDMI
6-20 ft H

Presenting
Computer

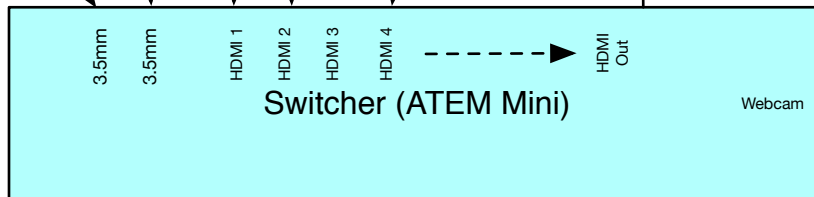
HDMI

25 ft H

WXGA
Projector

HDMI 2

15 ft H



USB-C

Streaming/
Recording
Computer

1m USB
C - 3.0 +

YouTube Live
Twitch
Vimeo