THE FILM/VIDEO CAGE EQUIPMENT BOOK

Cage Notes & Best Practices

1. Be sure to check reserved equipment when you come to pick up your order from The Cage.

2. All digital camera kits come with media, charged batteries, and a lens, except where noted.

3. Be sure you have access to the equipment before requesting - some pieces of equipment require "special access." This is given to students through specified class training.

4. Do not remove safety/security tags, and shock watch labels on equipment. Make sure shock watch labels are not red at checkout - a red label indicates shock damage.

5. Equipment should be returned tidy and organized.

6. The Cage provides services such as technical troubleshooting and advice for equipment use. Please ask if you need help.

7. On-campus storage lockers and 2 short-term studio spaces (E22 and E31) are available in the sublevel. Please inquire if you would like to reserve a space.

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PRODUCTION: DIGITAL

REED MORANO

4K VIDEO CAMERAS

Canon XC15

- 4k video
- 160-20000 ISO
- 20-200mm lens (not removable)
- (2) XLR inputs with mic holder
- (2) 64GB C-Fast included
- (1) 32GB SD Card included

Sony A7SII special access item

- 4k video
- 50-409,600 ISO
- Full frame sensor
- 24-70mm E mount lens (67mm filter thread size)
- (2) 64 GB SD cards

RED Raven (Only 6 available) special access item

- 25.5mm sensor (diagonal dimension)
- 4.5k video
- (1) mini mic input (not recommended)
- Canon EF Mount (lenses not included)
- (2) 128GB mini mags, (1) 256GB mini mag

HD VIDEO CAMERAS

Sony EX1R

- 1/2" 3CCD sensor
- Fixed lens
- (2) XLR inputs
- SxS media
- HD video
- Vinten tripod (or equivalent)

Sony EX3

- 1/2" CMOS sensor
- Interchangeable lens mount
- (2) XLR inputs
- SxS media
- HD video
- Vinten tripod (or equivalent)
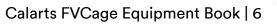
Sony FS700 special access item

- Super 35mm sensor
- E mount lens
- (2) XLR inputs
- (2) 64GB SD cards
- Cartoni tripod (or equivalent)
- Natively records in 1920×1080
- Can record in 4k with Odyssey 7Q/7Q+ Recorder

Canon XL H1 special access item

- 3CCD Sensors
- HD video
- EF mount 5.4-108mm zoom lens
- (2) XLR Inputs
- Mini DV cassette tape media

VIDEO RECORDERS

Pix 240 special access item**

- Model: Sound Devices PIX 240 Video Recorder
- Apple ProRes or Avid DNxHD formats
- Inputs: HDMI and HD-SDI

Odyssey 7Q special access item**

- Model: Convergent Design Odyssey 7Q
- Inputs: SDI Inputs
- Includes MicroArm Rig

Odyssey 7Q+ special access item**

- Model: Convergent Design Odyssey 7Q+
- Inputs: 3D SDI, HDMI
- Sunshade and Smallrig Mount Included
- Supports 4k Recording

DIGITAL ACTION CAMERAS

DJI Osmo Gimbal

- Includes iPod for monitoring
- Can be paired with most smartphones
- Compact handheld gimbal and 4k camera combination
- Onboard camera (Zenmuse Z3) has 3.5x optical zoom
  (22mm to 77mm equivalent)
- Maximum bitrate 60Mbps
- Maximum image size 4000 × 3000 pixels
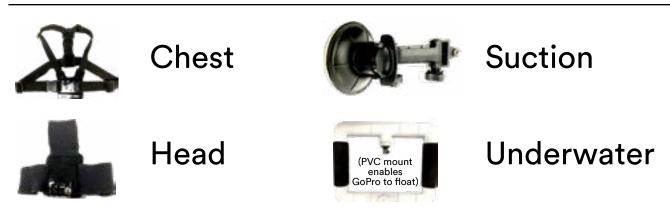
GoPro Hero 7

- (1) 32GB micro SD card

GoPro Mounts

Chest

Suction

Head

(PVC mount enables GoPro to float)

Underwater

EF MOUNT LENSES

Canon 14mm L special access item

- EF mount lens
- f/2.8 to f/22
- Fisheye-esque distortion
- Cannot take filters (there's no protective UV on it -- please be careful!)

Rokinon 14mm special access item

- EF mount lens
- f/2.8 to f/22
- Cannot take filters

Canon 24mm Tilt-Shift special access item

- EF mount lens
- f/3.5 to f/22
- 82mm filter thread size

Canon 35mm L

- EF mount lens
- f/1.4 to f/22
- 72mm filter thread size

Video: EF Mount Lenses

Canon 50mm L

- EF mount lens
- f/1.2 to f/16
- 72mm filter thread size

Canon 85mm L

- EF mount lens
- f/1.2 to f/16
- 72mm filter thread size

Canon 100mm Macro

- EF mount lens
- f/2.8 to f/32
- 67mm filter thread size

Lens Baby Composer

- EF mount
- 5 aperture rings: f/4 to f/22
- Tilt shift-like effect
- Cannot accept filters

Canon Pinhole Cap

- EF mount body cap with pinhole "lens"
- Ethereal high grain look
- Wide angle effect on a full-frame sensor
- Requires long exposures; consider a tripod and
  cable release/remote

Video: EF Mount Lenses

Zeiss 21-100mm special access item

- EF mount lens
- f/2.9 to f/22
- Needs mattebox for filters

Tokina Wide Zoom special access item 11-16mm

- EF mount lens
- f/2.8 to f/22
- 77mm filter thread size

Canon 16-35mm

- EF mount lens
- f/2.8 to f/22
- 82mm filter thread size

Canon 17-55mm

- EF-S mount lens
- f/2.8 to f/22
- 77mm filter thread size

Canon 20-35mm

- EF mount lens
- f/3.5 to f/4.5
- 77mm filter thread size

Video: EF Mount Lenses

Canon 24-105mm

- EF mount lens
- f/4 to f/22
- 77mm filter thread size

Canon 70-200mm special access item

- EF mount lens
- f/2.8 to f/32
- 77mm filter thread size

Canon 100-400mm special access item

- EF mount lens
- f/4.5 to f/38
- 77mm filter thread size

EF Mount Lens Kits

Rokinon EF Lens Kit

- Rokinon 24mm, 35mm, 50mm, 85mm lenses
- EF mount lenses
- f/1.5 to f/22
- 77mm filter thread size (24mm, 25mm, 50mm lenses)
  and 72mm filter thread size (85mm lens)
- Kit includes 72-to-77mm step-up ring for the 85mm lens

Sigma Zoom Kit special access item

- Sigma 18-35mm and 50-100mm lenses
- EF mount lenses w/ 82mm filter thread size
- T2 to T16
- Kit includes smallrig lens support
- 82mm filter thread size

Zeiss CP.3 Kit special access item

- EF mount lenses
- Geared focus and iris mount rings
- Five (5) lenses: 15mm, 25mm, 35mm, 50mm, 85mm
- Five (5) front and five (5) rear caps
- Two rods

(5x)

(5x)

NIKON LENSES

Nikon 24mm

- Nikon mount lens
- f/2.8 to f/16
- 52mm filter thread size

Nikon 28mm

- Nikon mount lens
- /f2.8 to f/22
- 52mm filter thread size

Nikon 50mm

- Nikon mount lens
- f/1.8 to f/22
- 52mm filter thread size

Nikon 135mm

- Nikon mount lens
- f/2.8 to f/32
- 52mm filter thread size

Nikon Lenses

Nikon 3 Lens Kit

- Nikon 28mm, 55mm Macro, 85mm lenses
- Nikon mount lenses
- f/1.8 to f/22
- 52mm filter thread sizes

Nikon 4 Lens Kit (Only 1 available)

- Nikon 24mm, 35mm, 50mm, 85mm lenses
- Nikon mount lenses
- f/1.8 to f/22
- 52mm filter thread sizes

Nikon 55mm Macro

- EF mount lens
- f/3.5 to f/32
- 52mm filter thread size

Kiron 28-105mm

- EF mount lens
- f/3.2 to f/22
- 67mm filter thread size

Vivitar 19mm

- Nikon mount lens
- f/3.8 to f/22
- 62mm filter thread size

Pentax 50mm

- EF mount lens
- f/2.82 to f/22
- 52mm filter thread size

SONY LENSES

Rokinon E Lens Kit special access item

- Rokinon 24mm, 35mm, 50mm, 85mm lenses
- E mount lenses
- f/1.5 to f/22
- 77mm filter thread size (24mm, 25mm, 50mm lenses) and 72mm filter thread size (85mm lens)
- Kit includes 72-to-77mm step-up ring for the 85mm lens

Lens Accessories

Series 9 Filter Holder
- Two-piece Angeniuex Series 9 filter holder
- Fits any lense with a 72mm filter thread size

Canon to Sony Adapter

- Allows use of Canon EF-mount lenses on a Sony E-Mount/NEX-mount camera body
- Auto iris control

Lens Accessories

Metabones FS700 or Metabones A7SII

- Allows use of Canon EF-mount lenses on Sony E-mount camera body, while retaining automatic controls
- **Note: the FS700 version is designed for that camera's cropped sensor and will cause vignetting if used on full-frame sensor camera bodies**

Nikon to Canon (EF) Adapter

- Allows use of Nikon manual lenses on a Canon EOS camera body (which reduces flicker across sequential clicks, and is strongly recommended for animation students shooting stop-motion projects in Dragonframe)

Extension Tubes

EF-Mount Ext. Tubes

- Extension tubes for Canon/EF mount lenses

E-Mount Ext. Tubes

- Extension tubes for Sony/E Mount lenses

MATTE BOXES/ FOCUS ASSIST

Handheld Mattebox Rig

- Carbon fiber hood with top flag, follow focus (not pictured), handheld pistol grip

Tilta Mattebox special access item

- Top and side French flags, follow focus, whip, crank, small rods, aspect ratio guides, 4×4 / 4×5.65 filter trays

Tilta Swingaway special access item

- Top and side French flags, follow focus, whip, crank, small rods, aspect ratio guides, 4×4 / 4×5.65 filter trays

Nucleus-M (Only 1 available) special access item

- Full wireless lens focal system including motor, hand unit, marking discs, and adapters that allows complete control of focus, iris, and zoom
- Range of up to 1,000 feet

Nucleus Kit-Simple (Only 1 available) special access item

- Wireless lens focal system of one control motor and handgrip that allows complete control of focus, iris, and zoom
- Range of up to 1,000 feet

MONITORS

5" Marshall HD

- Model: Marshall V-LCD-50-HDMI
- Mounts on DLSR shoe-mount
- HDMI input

6" 4K Monitor

- Model: Andycine C6S
- Inputs: 3G SDI, HDMI
- Includes tilt arm mount
- Touchscreen

10" HD

- Model: Feel World
- 3G SDI Input and HDMI Input / Output
- Battery and AC Capable
- Sunshade included
- Stand mount only (not on-camera)

PRODUCTION: FILM

MAYA DEREN

FILM CAMERAS

Standard 16mm

Bolex 16mm special access item

- Takes 16mm film, single or double perf
- FPS 12-64 and single frame
- Choice of three C-mount lenses
- Spring wound motor

Bolex SBM 16mm special access item

- Takes 16mm film, single or double perf
- Spring wound motor, FPS 12-64
- Fixed 12.5-100mm lens, f/1.9
- Uses series 9 filters, includes wide angle adapter

Bolex Intervalometer Kit special access item

- Takes 16mm film, single or double perf
- Spring wound motor, FPS 12-64
- Includes Norris speed controller and speed controller cable

Standard 16mm

Arri S 16mm special access item

- Takes 16mm film, single or double perf
- FPS 8-50 (no single frame), fwd and reverse
- Choice of three Arri-mount lenses
- *Requires battery pack*

Arri SRII 16mm special access item

- Takes 16mm film
- (2) 400' magazines
- FPS 24 crystal sync
- Each kit includes lenses
- *Requires battery pack*

Super 16mm

Arri SRII Super 16mm special access item

- Takes single perf 16mm film
- (2) 400' magazines
- FPS 24 crystal sync
- PL mount lenses
- *Requires battery pack*

Arri SRII Super 16mm Hi Speed special access item

- Takes single perf 16mm film
- (2) 400' magazines
- FPS 24 crystal sync, 10-140 with speed controller
- PL mount lenses
- *Requires battery pack*

Bolex Super 16mm special access item

- Takes single perf 16mm film
- Spring wound motor, FPS 12-64
- Fixed 16-100mm lens, f/1.9
- Uses series 9 filters

Super 8mm

Canon 814 Super 8mm

- Shoots super 8 cartridge film at 12, 18, or 24 FPS
- Shoot single frame ONLY when triggered via cable release
  (not included in kit, but available for check-out)
- Fixed 7.5-60mm lens, f/2
- Kit includes 58mm filters: UV (on lens), CPL, 85B, ND4
- CalArts-modded units: **no Internal Light Meter!**
- Requires 4 'AA' batteries (not provided)
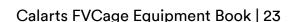
Ultra Hi-Speed 16mm

Hycam Hi Speed special access item

- High-Speed 16mm Film Camera
- Up to 11,000 fps
- (2) 400' magazines
- Bolex mount lenses

Wollensak Hi Speed special access item

- High-Speed 16mm Film Camera (single or double perf)
- Up to 5600 fps
- Nikon mount lenses

BOLEX LENSES

C Mount 3.5mm

- C mount lens
- f/1.8 to f/16

C Mount 5.7mm

- C mount lens
- f/1.6 to f/16

C Mount 6mm

- C mount lens
- f/1.6 to f/22

C Mount 10mm

- C mount lens
- Specs vary

C Mount 15mm

- C mount lens
- f/1.3 to f/22

Bolex Lenses

C Mount 25mm

- C mount lens
- Specs vary

C Mount 50mm

- C mount lens
- Specs vary

C Mount 75mm

- C mount lens
- Specs vary

C Mount 100mm (Only 1 available)

- C mount lens
- f/3.5 to f/22

C Mount 102mm (Only 1 available)

- C mount lens
- f/3.5 to f/22

C Mount 150mm

- C mount lens
- f/3.5 to f/22

Bolex Lenses

C Mount 12-120mm

- C mount lens
- f/2.2 to f/22
- 72mm filter thread size

C Mount 26mm Macro

- C mount lens
- f/1.1 to f/22

Bolex Accessories

Back Wind Key

- Back wind key for Bolex cameras

Shutter Release Cable

- Threaded shutter release cable for Bolex cameras

C Mount Ext. Tubes

- Extension tubes for Bolex/C mount lenses

Nikon to C Adapter

- Allows use of Nikon lenses on a C-mount camera body

ARRI S LENSES

Arri 3.5mm

- Arri mount lens
- f/1.8 to f/16

Arri 5.7mm

- Arri mount lens
- f/1.8 to f/16
- 2×2 filter thread size

Arri 5.9mm

- Arri mount lens
- f/1.8 to f/16

Arri 10mm

- Arri mount lens
- Specs vary

Arri 16mm

- Arri mount lens
- Specs vary

Arri Lenses

Arri 25mm

- Arri mount lens
- Specs vary

Arri 50mm

- Arri mount lens
- Specs vary

Arri 85mm

- Arri mount lens
- Specs vary

Arri 150mm (Only 1 available)

- Arri mount lens
- T/4 to T/22

Arri 12-120mm

- Arri mount lens
- f/2.2to f/22
- 72mm filter thread size

Arri 90mm Macro (Only 1 available)

- Arri mount lens
- f/2.8 to f/32.

S16 SRII PL Lenses

PL Mount 9.5mm special access item

- PL mount lens
- T/1.3 to T/11

PL Mount 16mm special access item

- PL mount lens
- T/1.3 to T/11

PL Mount 25mm special access item

- PL mount lens
- T/1.3 to T/11
- 58mm filter thread size

PL Mount 10-100mm Macro (Only 2 available)
special access item

- PL mount lens
- T/2.4 to T/16
- Does not accept filters

PL Mount 11-110mm (Only 1 available)
special access item

- PL mount lens
- T/2.2 to T/16

MATTE BOXES

Arri S Mattebox special access item

- Bellows with 2×2 filter frame

Bolex Mattebox special access item

- Bellows with frames, slider bars, camera mount
- Set of pre-cut black paper mattes and plastic spacer
- PLEASE NOTE: This mattebox does NOT hold filters; We are using the term "matte" as in *masking*
- BUT WHOA: you can cut your own mattes, or even create a sequential series of mattes for shooting animated wipes.

SRII Mattebox special access item

- Comes with mattebox, base plate with two rods, do-nut, top French flag, follow focus, whip, 4×4 and 4×5.65 filter trays

FILM DARKROOM

Lomo Tank

Changing Room

Changing Bag

FILM EDITORIAL

16mm Hot Splicer

16mm Guillotine

16mm Rivas

16mm Rewind

Spacers

Spring Locks

Synchronizer 16mm A Wind
(sprockets near)

Synchronizer 16mm B Wind
(sprockets far)

Super 8 Viewer

Dual 8 Viewer

Super 8 Guillotine

Dual 8 Presstape

Film Editorial

Dual 8 Cement

(blades are dull - get a diff splicer for cutting; use this for joining only.)

Split Reel 400'

Split Reel 16mm

16mm Takeup

Super 8 Reel

Dummy Roll

FILM PROJECTION

Projector Screen - 5×5 or 7×7
(5' = ~ 1.52m, 7' = ~ 2.13m)

Project-O-Stand

S8mm Projectors

Elmo Super 8 Sound Projector special access item

- Analog projector for Super 8 sound film
- Plays back sound from optical or mag stripes
- Records mono or stereo sound to mag stripe(s) via 1/8"
inputs; speeds: 24fps, 18fps, 6fps, still, and reverse
- Elmo GS1200 or Elmo ST1200

16mm Projectors

Singer 16mm

- InstaLoad XL model
- Single speed playback of 16mm sound analog film

Eiki 16mm

- Analog projector for 16mm film
- Projects at 24fps or 18fps
- Plays back sound at 24fps

Kodak Pageant 16mm special access item

- Analog projector for 16mm film
- Projects at 24fps or 18fps
- Very forgiving with tape splices
- Plays back sound
- Pageant 126 or Pageant 250

Kodak Analyst 16mm special access item

- Analog projector for 16mm film
- Variable frame rate, including complete pause, manual single frame advance, and reverse
- Great for live performance
- Plays back sound

LIGHT METERS: INCIDENT

Sekonic Analog Meter

- Incident Metering
- Analog Readouts
- Measures incident light
- Recommended for use with Bolex

Minolta Digital Meter

- Incident Metering
- Digital and Analog Readouts
- Measures incident light
- Helpful for balancing and recreating light setups. Can use to calculate camera settings.
- Model may vary

Spectra Digital Meter

- Incident / Spot Metering
- Digital / Analog Readouts
- Measures incident light
- Helpful for balancing and recreating light setups. Can use to calculate camera settings.

Spot Meters

Digital Spot Meter

- Spot Metering
- Measures reflected light
- Helpful for balancing and recreating light setups and balancing for middle gray.
- Model may vary

Analog Spot Meter

- Spot Metering
- Measures reflected light
- Helpful for balancing and recreating light setups and balancing for middle gray.
- Model may vary

Combo Meters

Sekonic Combo Meter (Only 2 available)

- Incident / Spot Metering
- Digital / Analog Readouts
- Measures incident and reflected light
- Helpful for balancing and recreating light setups and balancing for middle gray. Can use to calculate camera settings.

Minolta Combo Meter (Only 2 available)

- Incident / Spot Metering
- Digital / Analog Readouts
- Measures incident and reflected light
- Helpful for balancing and recreating light setups and balancing for middle gray. Can use to calculate camera settings.

LENS FILTERS:
52mm & 58mm

52mm filter threads can be found on: Nikon & Pentax prime lenses

52mm 85B		52mm Polarizer	
52mm ND Fader		52mm ND3	
52mm ND6		52mm ND9	
52mm Star Filter			

58mm filter threads can be found on: Canon XC15

| 58mm Green | | 58mm Close-Up | |
| 58mm Fisheye Adapter | | | |
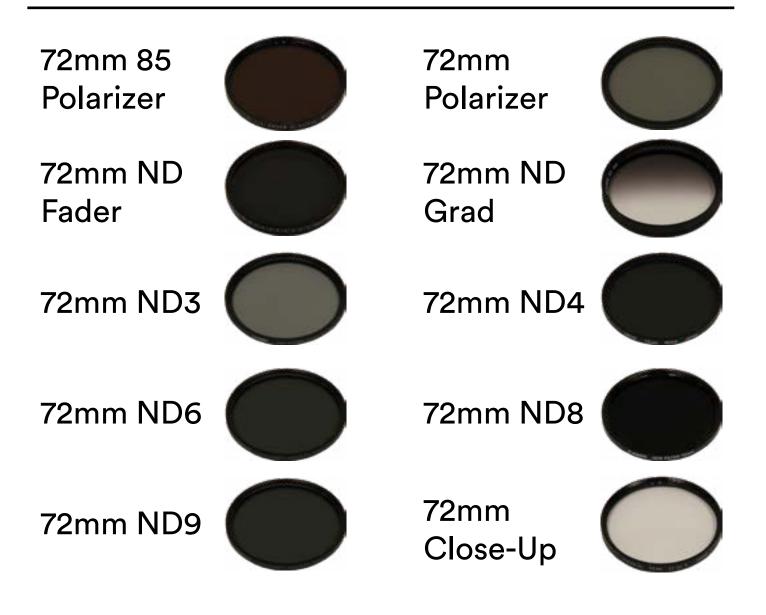
Lens Filters: 72mm

72mm filter threads can be found on: Dragon Kit RP Canon 15-85mm, Canon 35mm L, Canon 50mm L, Canon 85mm L, Raven Lens Kit Rokinon 85mm, C-Mount 12-120mm, Arri 12-120mm

72mm 85 Polarizer

72mm Polarizer

72mm ND Fader

72mm ND Grad

72mm ND3

72mm ND4

72mm ND6

72mm ND8

72mm ND9

72mm Close-Up
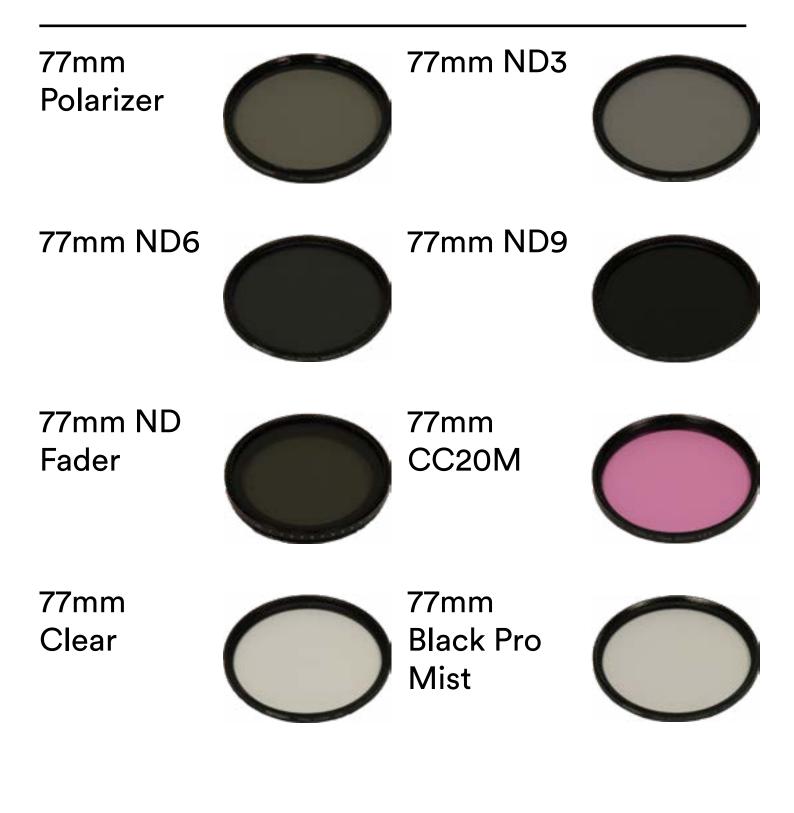
67mm to 72mm Step-Up Ring

Allows use of these 72mm-threaded filters on Cage lenses with 67mm filter threads (the zoom on Sony A7Sii Solo, Sony FS700, Canon 100mm Macro, Nikon 18-105mm, Kiron 28-105mm).

Lens Filters: 77mm

Fits all Sony A7Sii Kit lenses (85mm will require included 72mm to 77mm step-up ring, which is included in the kit).

77mm
Polarizer

77mm ND3

77mm ND6

77mm ND9

77mm ND
Fader

77mm
CC20M

77mm
Clear

77mm
Black Pro
Mist

Lens Filters: Series 9

Cage Staff Tip: Our **Bolex SBM** & **Super 16** cameras are set up to take Series 9 filters out of the box.

You can also use these on *any lens* with a 72mm filter thread size, when paired w/a **Series 9 Filter Holder**.

Series 9 Filter Holder
- Two-piece Angeniuex Series 9 filter holder
- Fits any lense with a 72mm filter thread size

| Series 9 80A | | Series 9 81EF | |

| Series 9 85 | | Series 9 85 ND3 | |

| Series 9 85 ND6 | | Series 9 85 ND9 | |

Lens Filters: Series 9

Series 9
Polarizer

Series 9
Double Fog

Series 9
FL-D

Series 9
FL-B

Series 9
Close Up 2

Series 9
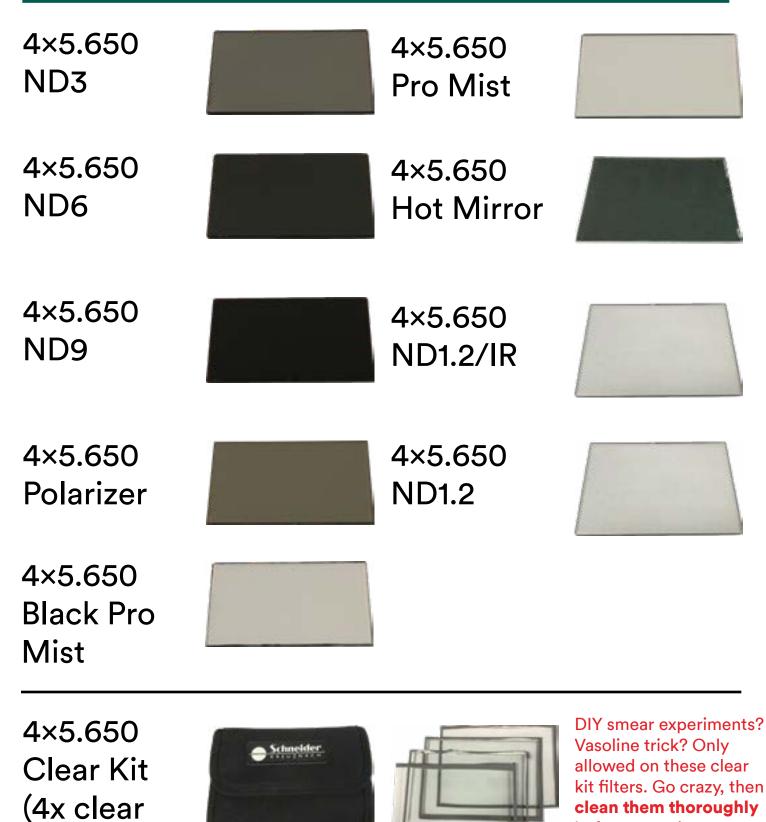Split Field

Series 9
ND3

Series 9
ND6

Series 9
ND9

Lens Filters: 2×2

2×2 Polarizer

2×2 85B

2×2 ND3

2×2 85

2×2 ND6

2×2 85 ND3

2×2 ND9

2×2 85 ND6

2×2 Yellow

2×2 23A+56

2×2 Green

2×2 Red25

2×2 80A

Lens Filters: 4×4

4×4 ND3

4×4 ND6

4×4 ND9

4×4 80A

4×4 85

4×4 Polarizer

4×4 Orange

4×4 Green

4×4 Red25

4×4 Yellow

4×4 ND Grad

4×4 Orange Grad

4×4 Blue Grad

4×4 Soft Focus

Lens Filters: 4×5.650

4×5.650
ND3

4×5.650
Pro Mist

4×5.650
ND6

4×5.650
Hot Mirror

4×5.650
ND9

4×5.650
ND1.2/IR

4×5.650
Polarizer

4×5.650
ND1.2

4×5.650
Black Pro
Mist

4×5.650
Clear Kit
(4x clear
glass)

DIY smear experiments?
Vasoline trick? Only
allowed on these clear
kit filters. Go crazy, then
clean them thoroughly
before returning.

Lens Filters: Filter Sets

Universal Filter Set

- Filter Holder
- (3) Filter Cases
- (9) Lens Adapter Rings (49mm, 52mm, 55mm, 58mm, 62mm, 67mm, 72mm, 82mm)

Star Filter Set

- (2) Step-Up Rings (72-77 and 77-82)
- (3) Star filters (4 Star Filter, 6 Star Filter, 8 Star Filter)
- Instant glamour! Wow, so dreamy!

Lens Filters: Filter Sets

4×4 Grad Kit

- (3) Filters
- (1) Carrying Pouch

4×4 ND Kit

- (3) Filters
- (1) Carrying Pouch

POWER

Battery Pack (for Arri S and SRII)

- Fashionable yet lightweight gel cel alternative!
- 12v, 6amp out
- Battery in main pouch, cable exits front pouch
- Comes with charging cable

A7S Battery Kit

- Battery plate w/attached hot shoe mount
- Power adapter
- Charger w/ power cable
- Two (2) batteries

V-Lock Battery Kit

- (2) V-lock batteries
- Charger

Spare Battery

- The Cage can check out spare batteries for many pieces of gear, including the A7SII, XC15, and larger Sony NPF batteries. Need a spare for your shoot? Just ask.

Power

GFCI Circuit Breaker

Breaker Finder

Variac

- Variable transformer
- Not for use with LED Lights

Stinger - Black

- **25' stinger** (rated 20 amps)
- just for reference, 25' = ~7.62m, 50' = ~15.25m

Power Strip

- Edison power strips in various lengths & configurations

CAMERA SUPPORT

Color Chart/Gray Card

- Double sided color correction card

Egripz

- Ergonomic grip that helps small camcorders handle like larger, heavier systems without the requisite backache
- Flexible handles allow one hand to support the camera while the other hand is free to manipulate the zoom, focus, and iris controls

Fig Rig

- Produces smooth, steady travelling shots
- As the operator walks, his/her muscles absorb all the shocks, transferring only fluid movements to the camera
- Compatibility: DSLR cameras

Shoulder Mount - Arri S

- Shoulder mount for Arri S cameras
- 3/8" thread, adaptable to 1/4"

Camera Support

Shoulder Mount - Small

- Shoulder mount for smaller digital cameras

Shoulder Mount - Sympla

- Camera can be adjusted along 3 axes
- Handles adjust into most any position
- Handles can be used as pan bars

DVTec Rig

- Shock absorbing waist support
- Adds stability, takes load off of hands
- Works best with DSLRs; such as the EX1R

EasyRig Mini

- Designed for loads 8lbs or less
- No detachable parts; put together the collapsible
  arm and it's ready to go!
- Compatibility (as is) Sony EX1 / EX3 / FS700 & similar

Camera Support

Glidecam

- Gimbal-Based Camera Stabilizer
- Can support up to 10 lb.

Panning Slider

- Provides automatic panning
- For flat surfaces (not tripod-mountable)
- Loosen both screws at once when adjusting the parallax bar.

Carbon fiber
- Size: 3'9" L x 11" W x 4 1/2" H
- Net Weight: 3 lbs / Max Load: 17 lbs

Kessler CineSlider

- Hand crank, belt-driven camera slider
- Adjustable drag control; allows you
   to add resistance to carriage movement
- CineSlider motor kit is separate!
- Reinforced Aluminum
- 3'3" L x 5" W x 5" H
Net Weight: 9lbs / Max Load: 35 lbs

CineSlider Motor Kit

- Analog motion control
- Provides linear movement w/adjustable
   speed control
- Only compatible with Kessler CineSlider

Camera Support

Dana Dolly *special access item

- Portable dolly system w/universal track ends
- 16 soft polyurethane custom dolly track wheels
  w/ABEC-7 bearings
- 100lb max load capacity
- Wheels swivel for curved track

Gemini Action Jib *special access item

- Collapsible Jib
- Comes with a 100mm ball head and a 75mm adapter
- Does not come with tripod legs spreader

Kessler Pocket Jib *special access item

- Collapsible jib for field use
- Requires a 75mm ball head tripod
- Requires enough weights to accomodate
  your camera and settings
- Comes with tripod legs spreader

Camera Support

Skater Dolly

Creeper Butt Dolly

Wheelchair Dolly

Western Dolly

TRIPODS

Monopod

- Maximum height 63.4"
- Can support up to 26.5 lb.
- Folds down to 25.6"

Manfrotto 500

Manfrotto 501

- Can support a maximum of 6 lbs.

Manfrotto 502 HD

- Can support a maximum of 20 lbs.

Tripods

Manfrotto 502 Leveling
- Can support a maximum of 20 lbs.

Manfrotto 504HD
- Can support a maximum of 20 lbs.

Sachtler DV2
- Can support a maximum of 10 lbs.

Sachtler FSB 6
- Can support a maximum of 15 lbs.

Tripods

Vinten

- Can support a maximum of 25 lbs.

RED Raven Tripod

- Partnered with RED Raven ONLY
- Can support a maximum of 29 lbs.

Cartoni

- Can support a maximum of 25 lbs.

O'Connor

- Can support a maximum of 50 lbs.

Tripods

Baby Legs

- Legs feature a 4" to 34.6" height range
- Allows the camera to be mounted for low-angle shots
- Dual leg spikes for high and low angles

Hi-Hat

- Both 75mm and 100mm mounting heads available
- Allows the camera to be mounted for low angle shots
- Comes secured to wooden base
- May be too short for some Cage tripod heads
- *Will* work with Manfrotto heads

MICRO-TRIPODS

Manfrotto Tilt Column

- Can support a maximum of 11 lbs.
- Can tilt 90 degrees for downshooter use

Smartphone Tripod

Flexipod Red

- Smartphone
- GoPro

Flexipod Black

- Smartphone
- GoPro

TUNGSTEN LIGHTING

Pepper Kit

- (3) Pepper Lights (150 Watt max each)
- (3) Light Stands
- Focusable
- Dimmable (with additional equipment)
- Fresnel

Production Light Kit

- (1) Mini Mole
- (1) Teenie Mole
- (2) Tweenie
- (4) Light Stands
- Barn doors (not pictured)

Mini Mole

- Fresnel
- 120V
- 150 watt max
- Focusable
- Dimmable (with additional equipment)
- Barn doors (not pictured)

Tungsten Lighting

Tweenie Mole

- Fresnel
- 120V
- 500 watt max
- Fcusable
- Dimmable (with additional equipment)
- Barn doors (not pictured)

Source 4 special access item

- Fresnel
- Ellipsoidal
- 115-240V, 750 Watt max
- Includes gobos
- Includes iris

Nook 650k

- Open face
- 120V
- 650 Watt max
- Barn doors (not pictured)

Nook 1k

- Open face
- 120V
- 1k Watt max
- Barn doors (not pictured)

Soft Light

- Open face
- 120V
- 2k Watt max
- Eggcrate (not pictured)

LED, Fluorescent, & HMI Lighting

Viltrox LED Light Kit

- (2) v Cam Lights with Shoe Adapter
- Color Temperature: 3300-5600 K
- Dimmable: 20-100%
- Powered with NP-F batteries
- No light stands included

6×7 LED Kit

- (2) 2300-6800K variable color temp GVM560AS LED panel lights
   w/4-way barn doors
- Power consumption 30W
- (2) white diffusers
- (2) light stands
- (2) power cables and adapters (no batteries!)
Do not use an external dimmer with these!

Came TV 2 Panel LED Kit

- Two (2) LED Panel lights
- Two (2) Barn doors
- Power Consumption: 35W
- Can power with V-Lock Batteries
- Color Temperature: 3200-5600 K
- Dimmer: 10-100%
Do not use an external dimmer with these!

Astra 1×1 Kit

- Power Consumption: 110W
- Operating Voltage: 100-240V (AC);
12V through adaptor
- Color Temperature: 3200-5600 K
- Dimmer: 0-100%
Do not use with cage batteries or an external dimmer!

LED, Fluorescent, & HMI Lighting

1×1 LED Kit

- Two (2) Lite Panels 1×1s
- Power Consumption: 40W
- Operating Voltage: 100-240V (AC);
  12V thorugh adaptor
- Includes CTO & diffusion filters
- Dimmer: 0-100%

Do not use an external dimmer with these!

Vanity Light

- (1) 18" 75W Ring Light
- 5200K Color Temperature
- Includes Mirror Attachment, Ball Head Mount, Clip-on
  Diffusion Panels, and Tungsten Conversion Panels

Do not use an external dimmer with these!

Kino Kit - 2×2

- 120V
- 2-Lamp (NOT dimmable)
- Includes daylight and tungsten tubes
- Louver

Do not use an external dimmer with these!

Kino Kit - 4×4

- 120V
- 4-Lamp (NOT dimmable)
- Includes daylight and tungsten tubes
- Louver

Do not use an external dimmer with these!

Kino-Flo - 4×2

- 120V
- 2-Lamp (NOT dimmable)
- Includes daylight and tungsten tubes
- Louver

Do not use an external dimmer with these!

LED, Fluorescent, & HMI Lighting

Diva Lite

- 120V
- 4-Lamp / 2-Lamp Switching
- Built in 5 - 100% dimming ballast
- Includes daylight and tungsten tubes
- Louver (grid)
Do not use an external dimmer with these!

Para Beam

- 120V
- 2-Lamp (dimmable)
- Includes daylight and tungsten tubes
- Louver (not pictured)
Do not use an external dimmer with these!

HMI Par Kit special access item

- (1) Daylight 575W HMI Par Light
- Dimmable molectronic Ballast (90/260V)
- Contains 25' cable, barn doors, 4 lens set and scrims
Do not use an external dimmer with these!

Quasar 2 ft. Kit special access item

- (4) 2' tube lights
- Color temperature: 1750 to 10,000K, RGB color mode
- Power Consumption: 200W max
- Built in dimmer
Do not use an external dimmer with these!

Quasar 4 ft. Kit special access item

- (4) 4' tube lights
- Color temperature: 1750 to 10,000K, RGB color mode
- Power Consumption: 200W max
- Built in dimmer
Do not use an external dimmer with these!

LED, Fluorescent, & HMI Lighting

Aputure 300d special access item

- 45,000 Lux at 3.3' with Reflector
- 5600K CCT (Daylight)
- AC or Battery Power: 350W max
- Onboard Wireless, DMX, App control
- Remote, Reflector, Rolling Bag Included

Aputure 300x - BiColour special access item

- 20,500 Lux at 3.3' with Reflector
- 2700-6500K CCT (Daylight or Tungsten)
- AC or Battery Power: 350W Max
- Onboard Wireless, DMX, App control
- Remote, Reflector, Bag, Control Box included

Sumolight special access item

- 0-100% built in dimmer
- 400W power consumption
- Color temperature: 2800 to 6500K
- Can come with or without 30 degree optics

Creamsource LED Panel special access item

- Daylight LED Spotlight
- 155W power consumption
- 0-100% built in dimmer
- Includes (2) diffusion filters and (2) gel frames

GRIP

Grip Clip

Gator Grip

Gaffer Grip

Large Gaffer Grip

Mini Cardellini

Cardellini Clamp

Grip

6" Cardellini

Mafer Clamp

Big Bite Baby Clamp

Duckbill

Combi Clamp

Pipe Clamp

Lollipop

Big Ben Clamp

Grip

Square Avenger Clamp

Multi-Stand Adapter

Light Stand to Shoe

Light Pole

Safety Chain

Sandbag

Sandbag Mini

Apple Box Set
(Only 2 available)

Grip

Nesting Apple Box Set
(Only 1 available)

Apple Box Stack
(Only 1 available)

Sparrow Plate

Base Plate

Dino Pipe Mount

We have lots of miscellaneous clamps and grip items - just ask!

LIGHT CONTROL

Net Single
(24" x 36", ~ 0.61m x 0.91m)

Net Double
(24" x 36", ~ 0.61m x 0.91m)

Flag Small
(18" x 24", ~0.46m x 0.61m)

Flag Medium
(24" x 36", ~ 0.61m x 0.91m)

Flag Large
(30" x 36", ~ 0.76m x 0.91m)

Flag 4×4
(4' = ~ 1.22m, not all floppy)

Light Control

Flag Cutter sizes vary

Black and White Floppy

Silk
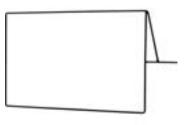
Cookie Mesh
(24" x 36", ~ 0.61m x 0.91m)

Cookie Solid
(24" x 36", ~ 0.61m x 0.91m)

Portable Flag Kit

Shadow Kit
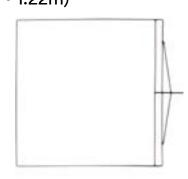
Gel Frame (sm, md, lg)

Light Control

Gel Frame 4×4
(4' = ~ 1.22m)

Reflector 5 in 1
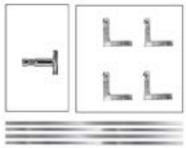
Sunbounce
(4' x 6', ~ 1.22m x 1.83m)

Reflector 4×4
(4' = ~ 1.22m)

6' x6' Frame
(6' = ~ 1.83m)

6'x6' Silk
(6' = ~ 1.83m)

6'x6' Silk Grid Full
(6' = ~ 1.83m)

6'x6' Silk Grid 1/2
(6' = ~ 1.83m)

Light Control

6'x6' Black Matte
(6' = ~ 1.83m)

8'x8' Butterfly Kit
(8' = ~ 2.44m)

Scrim Set

STANDS

C Stand 20" (~0.5m)

C Stand 40" (~1m)
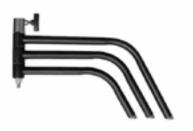
Light Stand

Rolling Stand

Stands

Turtle

Baby Triple Header

Baby Double Header

MICROPHONES

Oktava MK012

- Hypercardioid polar pattern
- 20 - 20,000 Hz
- 24v phantom power
- Low self noise, sensitive to handling noise
- Rich full sound

Sennheiser 416

- Shotgun mic
- 40 - 20000 Hz
- 48v phantom power
- 2 types of housings: zeppelin (pictured) or windjammer

Sennheiser 418S Stereo special access item

- Stereo shotgun mic
- 40 - 20000 Hz
- 48v phantom power

Sennheiser 815

- Shotgun mic
- 40 - 20000 Hz
- 48v phantom power

Microphones

Sennheiser MK 435T

- Cardioid
- 40 - 20,000 Hz
- T Power w/ 48v phantom power adapter

Audio Technica 4073A

- Gradient condenser mic
- 20 Hz to 20 kHz
- 48v phantom power

Audio Technica AT 815B

- Gradient condenser mic
- 30-20,000 Hz
- 48v phantom power

Audio Technica AT 835B

- Gradient condenser mic
- 40-20,000 Hz
- 48v phantom power

ECM 673

- Mono Electret Condenser
- 40 Hz to 20 kHz
- 48v phantom power

Rode NTG2

- Supercardioid mic
- 20 Hz to 20 kHz
- 48v phantom power

Microphones

On-Camera Mic

- Condenser mic
- 40Hz-20kHz
- Requires (1) 9 volt battery

On-Camera Stereo Mic

- Stereo condenser mic
- 40Hz-20kHz
- Requires (1) 9 volt battery

Sony Stereo Mic

- Electret condenser
- 50Hz - 18kHz
- Single "AA" Battery

Shure SM58

- Dynamic cardioid mic
- 50 Hz to 15 kHz
- Classic + dependable vocal performance mic!

Sennheiser 421

- Cardioid polar pattern
- Dyamic mic
- 30 - 17000 Hz

Electro-Voice RE 15

- Dynamic cardioid mic

Microphones

Electro-Voice RE 50

- Dynamic omnidirectional mic
- 80 - 13,000 Hz

Electro-Voice 635A

 - Omnidirectional polar pattern
- Dynamic element
- 80 - 13,000 Hz
- Built in internal pop filter and shock absorber

Rode NT1-A

- Cardioid mic
- 20 Hz to 20 kHz
- 48v phantom power

Hydrophone special access item

- Active piezoelectric hydrophone
- 48v phantom power

Contact Mic special access item

- Brass piezo contact mic
- 48v phantom power

Cub-01

- Cardioid table mic
- 60 Hz to 15 kHz
- 48v phantom power

Microphones

Lav-ME-2 Kit

- Omnidirectional lavalier mic
- 50 Hz to 18 kHz

Sanken Lav

- Omnidirectional lavalier mic
- 50Hz - 20kHz

Lav-MKE2 Kit

- Omnidirectional lavalier mic
- 20Hz-20kHz

Wireless Lav-G4 special access item

Wireless Lav-Lectro 100 special access item

Wireless Lav-Lectro 400 special access item

AUDIO RECORDERS

MicPort Pro

- 1 XLR input USB mic preamp/interface
- Comes with 1 mini USB to USB A cable (requires computer)
- Easy to setup, great for voice over

MixPre-3 special access item

- Three XLR inputs
- One 1/4" stereo output
- Two batteries included
- Headphones included
- Good for field recording sound

MixPre-6 special access item

- 4 XLR inputs
- 2 batteries included
- Comes in production bag
- Can record timecode

Sound Devices 788T special access item

- 8 XLR inputs
- 2 batteries included
- Headphones included
- Can record timecode

Audio Accessories

Camera Slate

Shock Mount

Boom Mates

a.

b.

Miscellaneous Mic Holders

Table Stand

Rode Mic Stand
(For NT1-A)

Gooseneck Table Stand

Windjammer

Windjammer-Oktava

Field Mixer

Rolls Headphone Amp

Audio Cables

XLR - short (12" - 18," ~.25m)

XLR - 6'   (~1.8m)

XLR - 10'   (~3m)

XLR - 20'   (~6m)

ANIMATION: STOP-MOTION

Downshooter Room for animation students only

- Animation downshooter rooms located in the sublevel are available for checkout. Each room contains:
- One (1) Came-TV Boltzen LED Lighting Kit:
    a. Three (3) Boltzen LED Lights with Barndoors
    b. Three (3) Light Stands
    c. Three (3) Light Cases
    d. Three (3) AC Power Adapters
- Two (2) 20" C-Stands with Knuckles and Arm
- Two (2) Sandbags
- One (1) Power Strip
- One (1) Yellow Stinger
- One (1) Net Single
- One (1) Net Double
- Two (2) Small Flags

Dragonframe Kit special access item

- Canon EOS RP camera body & 15-85mm Lens
- 13" Macbook Pro with Dragonframe program
- Includes (1) wireless and (1) USB Dragonframe Keypad
- USB camera connection cable and repeater
- AC Power Adapter

Animation: Stop-Motion

iFootage Slider special access item

- 31" Slider with extension rails, up to 47" long
- Includes camera mount and padded carrying case

eMotimo ST4 special access item

- Motion control pan and tilt head
- 4 mount motion controller

Rig Arm

- Can hold up to 5lbs
- 5/32" attachment / put 3/16" brass stock in puppets
- Kit includes allen key

Horizontal and Vertical Winder Rig

- Great for animating small increments
- Comes fully assembled

Horizontal Winder Rig

- Great for animating small increments
- 5/32" attachment / put 3/16" brass stock in puppets
- Kit includes allen key and 2lb weight

Animation: Stop-Motion

Vertical Winder Rig

- Great for animating small increments
- 5/32" attachment /put 3/16" brass stock in puppets
- Kit includes allen key and 2lb weight

Armature: Dog

- Includes allen key for tightening joints
- Includes short and long tie downs

Armature: Woman

- Includes allen key for tightening joints
- Includes short and long tie downs

Armature: Man

- Includes allen key for tightening joints
- Includes short and long tie downs

Nikon 3 Lens Kit

- Nikon 28mm, 55mm Macro, 85mm lenses
- Nikon mount lenses
- f/1.8 to f/22
- 52mm filter thread sizes
- Check the "Lenses" section for other great Nikon
  lenses, available as a la carte check-outs

Nikon 4 Lens Kit

- Nikon 24mm, 35mm, 50mm, 85mm lenses
- Nikon mount lenses
- f/1.8 to f/22
- 52mm filter thread sizes
- Check the lens section for other great Nikon lenses,
  available seperately!

Animation: Stop-Motion

MoCo Lens Kit special access item

- Rokinon 24mm, 35mm, 85mm lenses
- EF mount lenses
- f/1.5 to f/22
- 72mm and 77mm filter thread sizes

Manfrotto Tilt Column

- Geared head
- Can be adjusted to shoot straight down
- Can hold up to 15 lbs.

Animation: Lighting

6×7 LED Kit

- (2) 2300-6800K variable color temp GVM560AS LED panel lights
  w/4-way barn doors
- (2) white diffusers
- (2) light stands
- (2) power cables and adapters (no batteries!)
Do not use an external dimmer with these!

Inbetweenie Kit

- (4) Inbetweenie (120V, 100 Watt max each)
- Focusable
- Dimmable (with additional equipment)
- (3) Light Stands
- Barn Doors (not pictured)
- (3) Sets of Scrims

Animation: Lighting

Came-TV Boltzen Kit

- Three (3) Lights with Light Stands
- Power consumption: 55W (each)
- Operating Voltage: 100-240V (AC)
- Includes barn doors and power supply
Do not use an external dimmer with these!

DMX Dimmer special access item

- Program and dim your lights in Dragonframe
- 4 channels
- 5 amps per channel
- 15 amp max
- Great for shooting front-light-back-light
- XLR Cable NOT included

DMX-4 special access item

- Program and dim your lights
- 4 channels
- 5 amps per channel
- 15 amp max
- Great for shooting front-light-back-light
- Dragon Connector Box NOT included

Animation: Lighting

Green and Blue Screen 5 x7

- Kit includes collapsible green screen, blue screen, and soft case

Light Painting Kit

- Light Wands with Connectors
- Assorted Gels, Rubber bands; Clothespins, Fiber Optic Brush, Strobe Light, LED Flashlight(s)

Animation: Sound Design

Character Sound Kit special access item

- Includes Sennheiser 418 Sterero Mic:
    - Stereo shotgun mic
    - XLR Y cable
- Includes Sound Devices MixPre-3:
    - 3 XLR inputs
    - 2 batteries included
    - Good for field recording

Rode NT1-A

- Cardioid mic
- 20 Hz to 20 kHz
- 48v phantom power
- Great for dialogue and voiceovers

MicPort Pro

- 1 XLR input USB mic preamp/interface
- comes with 1 mini USB to USB A cable (requires computer)
- Easy to setup, great for voice over

2D Animation

Artograph Lightbox

- Animation lightbox with ACME pegbar
- If using for inking, please place a single animation cel (available for $2 at the student store) or transparency under your pages to protect plexi from stains

Canon LiDE-400

- Compact high-resolution flatbed scanner
- Maximum document size 8.5" x 11.7" (Letter/A4)
- Maximum resolution 4800 × 4800 dpi
- Crossplatform (MacOS / Windows 10 / Linux)

360/VR

VR Laptop special access item

- Compatible with all VR gear in the Cage

Ricoh Theta V special access item

- Capture immersive 4k 360° content & audio
- 360 live streaming in 4K, Built-In 4-channel mic,
- Dual 12MP sensors + twin-lens system
- 19GB of internal memory

Ricoh Theta V Kit special access item

- Ricoh Theta V with underwater camera case, timelapse camera mount, portable battery charger, and cleaning kit

Insta360 One R Kit special access item

- One R 360 Edition camera
- Invisible Selfie Stick + Bullet-Time Tabletop Tripod/Handle
- 32GB MicroSD Card, Lens Cap, and Mounting Bracket

360/VR

Insta360 Pro 2 special access item

- 6 cameras, 8k stereoscopic/monoscopic 360° video
- 360 3D live streaming in 4K with real-time stitching
- Two included batteries allow filming for about 2 hours
- Capable to capture 1.5 hours of 8K footage
- Requires iPhone or iPad to run
- Optional: Two-piece Farsight long-distance controller available seperately

Oculus Go special access item

- 3DoF VR
- Comes with 1 Controller
- 64GB internal memory
- No computer needed for playback!
- Requires smartphone or iPad Oculus app for settings
- Computer with Android File Transfer app required for syncing content

Oculus Quest special access item

- Tracking: Inside out, 6DOF
- Audio: Integrated, in-strap
- 4GB memory

Oculus Quest 2 special access item

- Tracking: Inside out, 6DOF
- Audio: Integrated, 3D cinematic sound
- 128GB memory

Sennheiser Ambeo VR Mic special access item

- 4 matched KE 14 cardioid capsules
- Tetrahedral arrangement
- Captures ambisonic sound
- Pick MixPre 6 "Ambisonic" preset to use all four XLR inputs

3D/STEREOSCOPIC

3D Scanner special access item

- Structure Sensor Mark II portable 3D scanner
    - features two infrared cameras
    and one ultrawide vision camera
- Kit comes mounted on iPad (6th Gen. Wifi)

Stereoscopic Bar

- Single bar with dual camera mounts

micro3D Rig

- Side-by-side (SxS) configuration

Stereoscopic Stepper special access item

- Use to shoot 3D stop motion

Muse Headset special access item

- Provides real-time EEG-based neuro feedback
- Bluetooth 4.0 wireless connection works with Apple
and Android devices (iOS 11+, Android 5+)
- Control things with your mind!

ADAPTERS & CABLES

Adapters

USB-A (F) - USB-C (M)   USB-C (M) - USB-A (M)   HDMI to USB-C

Cables

USB C to USB C

USB C to USB A

BNC

HDMI

HDMI to mini HDMI

We Have Other, More Obscure Adapters and Cables!
If what you need isn't listed here, ask and we'll see if we've got it.