

INSTALLATION GUIDE • VERSION 2.1

Install guide.

Analog Vision Studio V2 • Essential Edition

6

FILM STOCKS

6

EXPOSURES EACH

2

BASES

SP-500

FUJI FRONTIER



VISION 3 250D • FRONTIER SP-500 • 0 EV • PROFESSIONAL • LEICA Q3

ANALOG VISION STUDIO V2 . 1

Thank you.

Six film stocks, scanned on my own **Fuji Frontier SP-500** at **six exposures** each. This guide gets them into Lightroom, Camera Raw and onto your phone.



Kodacolor 100

Kodak · C-41



Gold 200

Kodak · C-41



UltraMax 400

Kodak · C-41



Fuji Pro 400H

Fujifilm · C-41



Vision 3 250D

Kodak · ECN-2 motion picture



HP5+

Ilford · black and white

Strips: light skin · orange · red · foliage · blue sky · neutral · classic chart at 0 EV, measured on the Frontier SP-500.

YOUR DOWNLOAD

Analog Vision Studio V2.1.zip

1 Film Profiles	Professional.zip and Standard.zip · 72 profiles
2 Camera Profiles	AVS Base Neutral · 320 cameras (.dcp)
3 Workflow Presets	ANALOG VISION STUDIO - Toolkit · 37 presets
4 AVS Lab Tech	Plugin for Lightroom Classic, with its manual
Install Guide.pdf	This guide

ORDER

Install in the order of the numbered folders:

1 → 2 → 3 → 4.

PROFESSIONAL OR STANDARD

Two bases.

Every film stock comes twice. **The look is the same.** What differs is the camera profile underneath, the first step where Lightroom turns your raw file into color.

TIP

Install both. They sit in separate groups, so you can switch any time.

RECOMMENDED

Professional

Built on AVS Base Neutral

RESULT	Same film stock, same look, on every camera.
HOW	A neutral camera profile I measured for each camera model.
NEEDS	A raw file from a camera on the list in appendix A.

ALWAYS WORKS

Standard

Built on Adobe Standard

RESULT	Works on any camera Lightroom supports.
HOW	Uses Adobe's own default camera profile.
NEEDS	A raw file from any camera, or a JPEG.
USE WHEN	Your camera isn't on the list, or you edit JPEGs.

LIGHTROOM CLASSIC · MACOS & WINDOWS

Lightroom Classic.

These are **profiles**, not presets. One import puts the film profiles in the **Profile Browser**, your camera profile in place and the workflow presets in the **Presets** panel.

NOTE

Camera Raw comes along. Everything you install in Lightroom Classic works in Adobe Camera Raw too.

1

Unzip the download

You'll see the numbered folders 1 to 4.

2

Open the Develop module

In Lightroom Classic.

3

File > Import Develop Profiles and Presets

From the menu bar at the top.

4

Select the ZIPs in folders 1, 2 and 3

All at once is fine. No need to unzip them.

5

Restart Lightroom

Camera profiles only load at startup.

AVS BASE NEUTRAL

Your camera.

The Professional versions need the **AVS Base Neutral** profile of your camera. It installs with folder 2, and you never select it yourself.

Camera not listed? Then Lightroom has no AVS Base Neutral profile for it, and the Professional versions won't work as intended. Use Standard, and write to me with your camera model.

1

It loads on its own

Apply a Professional profile and Lightroom picks your camera's file.

2

Install all of them

It doesn't hurt. Pick up another camera later and Professional works right away.

3

One file per camera

Named like `Sony ILCE-7M4 - AVS Base Neutral.dcp`. All 320 are listed in appendix A, with their market names.

4

Professional needs raw files

Camera profiles only exist for raw files. For JPEGs, use Standard.

LIGHTROOM · IOS, IPADOS & ANDROID

On your phone.

Lightroom Classic doesn't sync profiles. The cloud-based **Lightroom** app on your computer does, and takes everything to your phone and iPad.

Professional on mobile needs this route. Camera profiles only reach your phone when imported in the cloud-based Lightroom app. Imported in Classic only? Use Standard on mobile.

RECOMMENDED

Let them sync

Same Adobe account on computer and phone

- 1 **Open Lightroom on your computer**
The cloud-based app, not Lightroom Classic.
- 2 **File > Import Profiles and Presets**
Select the ZIPs in folders 1, 2 and 3.
- 3 **Wait for the cloud icon to turn solid**
Then open Lightroom on your phone: everything is under Profile > Browse.

AVS Lab Tech is desktop-only: Lightroom Mobile, the cloud-based Lightroom and Camera Raw don't run plugins.

LIGHTROOM CLASSIC & CAMERA RAW

Manual install.

Prefer to place the files yourself? Unzip first. Lightroom Classic and **Camera Raw** (Photoshop) read from the same two folders, so one copy covers both.

NOTE

Restart Lightroom Classic or Photoshop afterwards. Profiles are only read at startup.

macOS

- Open the Library folder**
Finder, press **Cmd+Shift+G** and paste the path below.
- Folders 1 and 3 go into Settings**
`~/Library/Application Support/Adobe/CameraRaw/Settings`
- Folder 2 goes into CameraProfiles**
`~/Library/Application Support/Adobe/CameraRaw/CameraProfiles`

Both folders are hidden by default. Using “Store presets with this catalog” in Lightroom Classic? Then presets go into the Settings folder next to your catalog instead, profiles stay in CameraRaw. Lightroom (cloud) has no manual route: use File > Import Profiles and Presets.

Windows

- Open the AppData folder**
Press **Win+R** and paste the path below.
- Folders 1 and 3 go into Settings**
`%AppData%\Adobe\CameraRaw\Settings`
- Folder 2 goes into CameraProfiles**
`%AppData%\Adobe\CameraRaw\CameraProfiles`

PLUGIN • LIGHTROOM CLASSIC 12+

AVS Lab Tech.

The operator desk of a **Fuji Frontier**, as a floating panel next to your photos. The full manual is in folder 4.

1 Move the plugin somewhere permanent

`AVS Lab Tech.lrplugin` into Documents, not Downloads.

2 File > Plug-in Manager > Add

Select the folder, click Add Plug-in, then Done.

3 File > Plug-in Extras > Open Lab Tech...

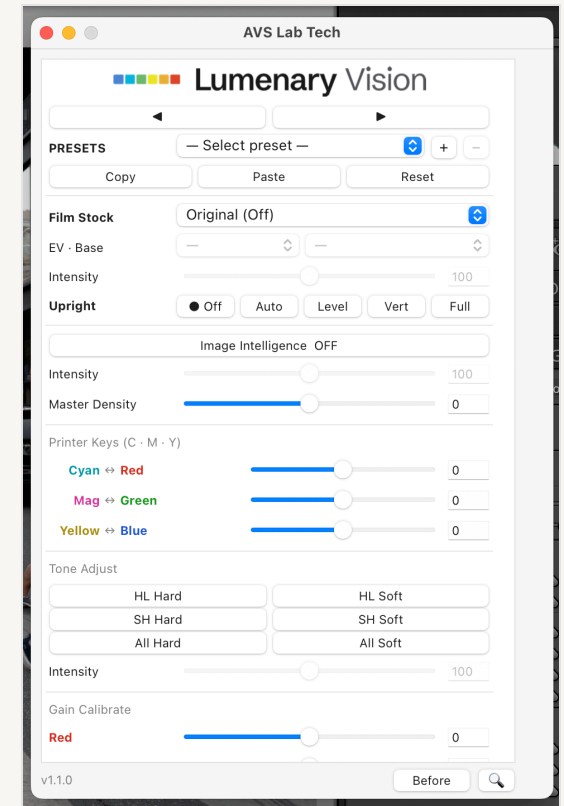
Works in every module. Faster on a Mac: **Ctrl+L**, after a one-time setup (see its manual).

4 Pick film, EV and base

Professional is chosen automatically when available.

TIP

Install the profiles first. On first start, the plugin adds Film Stock Shortcuts and asks for one restart. Keep them.



AVS Lab Tech v1.1

WORKFLOW

Pick, then fine-tune.

Every film stock and base has its own group in the Profile Browser, with **six exposures** inside.

PROFILE BROWSER

▲ Gold 200 • Frontier • Professional

Gold 200 -2 EV Frontier Professional

Gold 200 -1 EV Frontier Professional

Gold 200 0 EV Frontier Professional

Gold 200 +1 EV Frontier Professional

Gold 200 +2 EV Frontier Professional

Gold 200 +3 EV Frontier Professional

▲ Gold 200 • Frontier • Standard

▲ HP5+ • Frontier • Professional

▲ Kodacolor 100 • Frontier • Professional

Exposure

Each exposure is its own scan of the film. The difference is color and contrast, the way the film responds to under- and overexposure, not brightness. Pick by the look you want.

Amount

The slider below the profile name, 0 to 200. The profiles are built for 100. Your own sliders stay at zero, so every edit still works as usual.

Workflow presets

Optional finishing tools in the Presets panel, one click each. What's inside is on the next page.

WORKFLOW PRESETS

The toolkit.

37 presets in the group **ANALOG VISION STUDIO – Toolkit**, in four series. They emulate what changes between scans and prints, from density to grain.

TIP

Every series ends with a **RESET** preset that takes its changes back out.

A • TONE ADJUSTMENTS

Contrast and density.

Contrast + / –, Shadows + / –, Highlights + / –, Faded Blacks, Faded Whites (each also stronger), and resets for curves, faded blacks and faded whites.

B • COLOR ADJUSTMENTS

Tints and saturation.

Shadow tints in cyan, green, blue, red and magenta, highlight tints in red, yellow and cyan, Matrix Saturation from –20 to +30, and resets for both.

C • FILM TEXTURE

Grain.

ISO 100, 200 and 400 grain through three luminance masks: coarser in the shadows, finer in the highlights, like real film. Plus a grain reset.

D • MASKING TOOLS

Subject and sky.

Subject Enhancer and Reducer, Sky Enhancer and Reducer, Portrait Enhancer. They build on Lightroom's automatic subject, sky and people masks.

FOR V2 OWNERS

Free for V2 owners.

If you own V2, V2.1 is yours: **all six film stocks** of the Essential Edition, including Vision 3 250D.

What changes

A new build from the ground up

SCANNER	Fuji Frontier SP-500
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EXPOSURES	Six instead of three
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BASES	Professional next to Standard
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VERSIONS	Balanced and Unbalanced are gone, one version per exposure
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Your V2 profiles

Nothing to uninstall

OLD PROFILES	Stay where they are and keep working
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EDITED PHOTOS	Don't change
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NEW PROFILES	Appear in their own groups next to the old ones
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PORTRA 400 , COLORPLUS 200 , VELVIA 100

Not in this first release, and nothing changes about them. They stay in your library and keep working exactly as they do today. For V2.1 I rebuilt my entire pipeline from the ground up, and I'm rolling the new system out film stock by film stock instead of rushing everything at once. The six film stocks of the Essential Edition come first. Portra 400, ColorPlus 200 and Velvia 100 will be rebuilt as part of the upcoming editions, and as an existing customer you'll get those at a loyalty price.

TROUBLESHOOTING

Quick fixes.

Most problems are solved by **one restart** of Lightroom.

“I don't see the profiles.”

They're in the Profile Browser, not the Presets panel. Restart Lightroom. Still missing? **+ > Manage Profiles** and tick the AVS groups.

“They're not on my phone.”

Import in the cloud-based Lightroom app with the same Adobe account, then give sync a minute.

“My download link stopped working.”

Each order can be downloaded four times. Reply to your order email and I'll sort it out.

“Professional looks off.”

Your camera's AVS Base Neutral profile is missing or not loaded yet. Restart and check appendix A. Not listed? Use Standard.

“Can I use them on JPEGs?”

Yes, with the Standard versions. Professional needs a raw file, because it builds on the camera profile of your camera.

“The look is too strong.”

Lower the Amount slider below the profile name.

STILL STUCK

Write to me. Details on the next page.

SUPPORT

Write to me.

Something not working, or want to show me a frame? Include your **Lightroom version**, your **camera** and what you clicked.

EMAIL

Reply to your order email

WEB

lumenaryvision.com

INSTAGRAM

[@lumenaryofficial](https://www.instagram.com/lumenaryofficial)

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320 cameras.

AVS Base Neutral, by technical model name. Market and regional names in gray. Not listed? Use Standard.

CANON	Canon EOS R1	Fujifilm GFX 100	Fujifilm X-T20	LEICA SL2-S
	Canon EOS R10	Fujifilm GFX 100 II	Fujifilm X-T3	LEICA SL3-P
	Canon EOS R100	Fujifilm GFX 100RF	Fujifilm X-T30	LEICA T (Typ 701)
	Canon EOS R3	Fujifilm GFX 100S	Fujifilm X-T30 II	LEICA X (Typ 113)
	Canon EOS R5	Fujifilm GFX 100S II	Fujifilm X-T4	Leica Q3
	Canon EOS R5 Mark II	Fujifilm GFX 50R	Fujifilm X-T5	
	Canon EOS R50 V	Fujifilm GFX 50S	Fujifilm X-T50	NIKON
	Canon EOS R6	Fujifilm GFX 50S II	Fujifilm X100F	Nikon 1 J3
	Canon EOS R6 Mark II	Fujifilm X-A1	Fujifilm X100S	Nikon 1 J4
	Canon EOS R6 Mark III	Fujifilm X-A2	Fujifilm X100T	Nikon 1 J5
	Canon EOS R7	Fujifilm X-A3	Fujifilm X100V	Nikon 1 S1
	Canon EOS R8	Fujifilm X-A5	Fujifilm X100VI	Nikon 1 S2
	Canon EOS RP	Fujifilm X-A7	Fujifilm X20	Nikon 1 V3
	Canon EOS-1D X	Fujifilm X-E2	Fujifilm X30	Nikon Coolpix P1000
	Canon EOS-1D X Mark II	Fujifilm X-E2S	Fujifilm X70	Nikon Coolpix P330
	Canon EOS-1D X Mark III	Fujifilm X-E3	Fujifilm XF10	Nikon Coolpix P340
	Canon PowerShot G1 X	Fujifilm X-E4	Fujifilm XQ1	Nikon Coolpix P7700
	Canon PowerShot G1 X Mark II	Fujifilm X-E5	Fujifilm XQ2	Nikon Coolpix P7800
	Canon PowerShot G1 X Mark III	Fujifilm X-H1		Nikon D3200
	Canon PowerShot G15	Fujifilm X-H2	HASSELBLAD	Nikon D3300
	Canon PowerShot G16	Fujifilm X-H2S	Hasselblad X2D II 100C	Nikon D3400
	Canon PowerShot G3 X	Fujifilm X-M1	Hasselblad X1D-50	
	Canon PowerShot G5 X	Fujifilm X-M5		
	Canon PowerShot G5 X Mark II	Fujifilm X-Pro1	LEICA	
	Canon PowerShot G7 X	Fujifilm X-Pro2	LEICA D-Lux 8	
	Canon PowerShot G7 X Mark II	Fujifilm X-Pro3	LEICA M10	
	Canon PowerShot Pro70	Fujifilm X-S10	LEICA M11-P	
	Canon PowerShot S120	Fujifilm X-S20	LEICA Q (Typ 116)	
	Canon PowerShot V1	Fujifilm X-T1	LEICA Q2	
		Fujifilm X-T10	LEICA Q3 43	
		Fujifilm X-T100	LEICA SL (Typ 601)	
		Fujifilm X-T2	LEICA SL2	
FUJIFILM				
	Fujifilm FinePix S1			

320 cameras.

AVS Base Neutral, by technical model name. Market and regional names in gray. Not listed? Use Standard.

NIKON (CONTINUED)

Nikon D4
Nikon D4S
Nikon D5
Nikon D500
Nikon D5300
Nikon D5500
Nikon D5600
Nikon D610
Nikon D7000
Nikon D7100
Nikon D7200
Nikon D750
Nikon D7500
Nikon D780
Nikon D800
Nikon D800E
Nikon D810
Nikon D810A
Nikon D850
Nikon Df
Nikon Z 5 (Nikon Z5)
Nikon Z 5 2 (Nikon Z5II)
Nikon Z 50 (Nikon Z50)
Nikon Z 50 2 (Nikon Z50II)
Nikon Z 6 (Nikon Z6)
Nikon Z 6 2 (Nikon Z6II)
Nikon Z 6 3 (Nikon Z6III)
Nikon Z 7 (Nikon Z7)
Nikon Z 7 2 (Nikon Z7II)
Nikon Z 8 (Nikon Z8)
Nikon Z 9 (Nikon Z9)

Nikon Z30
Nikon Z f (Nikon Zf)
Nikon Z fc

OLYMPUS / OM SYSTEM

OM Digital Solutions OM-1
OM Digital Solutions OM-1 Mark II
OM Digital Solutions OM-3
OM Digital Solutions OM-5
OM Digital Solutions OM-5 Mark II
Olympus E-M1
Olympus E-M1 Mark III
Olympus E-M10
Olympus E-M10 Mark II
Olympus E-M10 Mark III
Olympus E-M5
Olympus E-M5 Mark II
Olympus E-M5 Mark III
Olympus E-P5
Olympus E-PL5
Olympus E-PL7
Olympus PEN E-P7
Olympus PEN-F
Olympus STYLUS 1
Olympus TG-4
Olympus XZ-2

PANASONIC

Panasonic DC-FZ1000M2 (Panasonic Lumix FZ1000 II)
Panasonic DC-FZ80 (Panasonic Lumix FZ80, Panasonic Lumix FZ82)

Panasonic DC-G99 (Panasonic Lumix G99, Panasonic Lumix G90, Panasonic Lumix G95)
Panasonic DC-G9M2 (Panasonic Lumix G9 II)
Panasonic DC-GF9 (Panasonic Lumix GF9, Panasonic Lumix GX850, Panasonic Lumix GX800)
Panasonic DC-GH5 (Panasonic Lumix GH5)
Panasonic DC-GH5S (Panasonic Lumix GH5S)
Panasonic DC-GH6 (Panasonic Lumix GH6)
Panasonic DC-GH7 (Panasonic Lumix GH7)
Panasonic DC-GX9 (Panasonic Lumix GX9, Panasonic Lumix GX7 Mark III)
Panasonic DC-LX100M2 (Panasonic Lumix LX100 II)
Panasonic DC-S1 (Panasonic Lumix S1)
Panasonic DC-S1H (Panasonic Lumix S1H)
Panasonic DC-S1M2 (Panasonic Lumix S1 II)
Panasonic DC-S1R (Panasonic Lumix S1R)
Panasonic DC-S5 (Panasonic Lumix S5)
Panasonic DC-S5M2 (Panasonic Lumix S5 II)
Panasonic DC-S9 (Panasonic Lumix S9)
Panasonic DC-ZS200 (Panasonic Lumix DC-TZ200)
Panasonic DMC-CM1 (Panasonic Lumix CM1)
Panasonic DMC-FZ1000 (Panasonic Lumix FZ1000)

Panasonic DMC-FZ2500 (Panasonic Lumix FZ2500, Panasonic Lumix FZ2000)
Panasonic DMC-FZ300 (Panasonic Lumix FZ300)
Panasonic DMC-G6 (Panasonic Lumix G6)
Panasonic DMC-G7 (Panasonic Lumix G7)
Panasonic DMC-G8 (Panasonic Lumix G80, Panasonic Lumix G85)
Panasonic DMC-GF7 (Panasonic Lumix GF7)
Panasonic DMC-GH4 (Panasonic Lumix GH4)
Panasonic DMC-GM1 (Panasonic Lumix GM1)
Panasonic DMC-GM5 (Panasonic Lumix GM5)
Panasonic DMC-GX7 (Panasonic Lumix GX7)
Panasonic DMC-GX8 (Panasonic Lumix GX8)
Panasonic DMC-GX85 (Panasonic Lumix GX85, Panasonic Lumix GX80, Panasonic Lumix GX7 Mark II)
Panasonic DMC-LF1 (Panasonic Lumix LF1)
Panasonic DMC-LX100 (Panasonic Lumix LX100)
Panasonic DMC-LX7 (Panasonic Lumix LX7)
Panasonic DMC-ZS100 (Panasonic Lumix DMC-TZ100, Panasonic Lumix DMC-TZ101)
Panasonic DMC-ZS40 (Panasonic Lumix DMC-TZ60)

Panasonic DMC-ZS50 (Panasonic Lumix DMC-TZ70)
Panasonic DMC-ZS60 (Panasonic Lumix DMC-TZ80)

PENTAX

PENTAX 645Z
PENTAX K-1
PENTAX K-1 Mark II
PENTAX K-3
PENTAX K-3 II
PENTAX K-3 Mark III

320 cameras.

AVS Base Neutral, by technical model name. Market and regional names in gray. Not listed? Use Standard.

PENTAX (CONTINUED)

PENTAX K-50
PENTAX K-500
PENTAX K-70
PENTAX K-S2
PENTAX KF
PENTAX KP
PENTAX MX-1
PENTAX Q7

RICOH

RICOH GR II
RICOH GR III
RICOH GR IIIx
RICOH GR IV

SAMSUNG

Samsung NX U
Samsung NX mini
Samsung NX1
Samsung NX2000
Samsung NX30
Samsung NX300
Samsung NX500

SIGMA

SIGMA fp L
SIGMA sd Quattro H

SONY

Sony DSC-RX0 (Sony Cyber-shot RX0)

Sony DSC-RX0M2 (Sony Cyber-shot RX0 II)
Sony DSC-RX10 (Sony Cyber-shot RX10)
Sony DSC-RX100 (Sony Cyber-shot RX100)
Sony DSC-RX100M2 (Sony Cyber-shot RX100 II)
Sony DSC-RX100M3 (Sony Cyber-shot RX100 III)
Sony DSC-RX100M4 (Sony Cyber-shot RX100 IV)
Sony DSC-RX100M5 (Sony Cyber-shot RX100 V)
Sony DSC-RX100M6 (Sony Cyber-shot RX100 VI)
Sony DSC-RX100M7 (Sony Cyber-shot RX100 VII)
Sony DSC-RX10M2 (Sony Cyber-shot RX10 II)
Sony DSC-RX10M3 (Sony Cyber-shot RX10 III)
Sony DSC-RX10M4 (Sony Cyber-shot RX10 IV)
Sony DSC-RX10M5 (Sony Cyber-shot RX10 V)
Sony DSC-RX1RM2 (Sony Cyber-shot RX1R II)
Sony DSC-RX1RM3 (Sony Cyber-shot RX1R III)
Sony FX3
Sony FX30
Sony ILCA-77M2 (Sony A77 II)
Sony ILCA-99M2 (Sony A99 II)

Sony ILCE-1 (Sony A1)
Sony ILCE-1M2 (Sony A1 II)
Sony ILCE-3000 (Sony A3000)
Sony ILCE-5100 (Sony A5100)
Sony ILCE-6000 (Sony A6000)
Sony ILCE-6300 (Sony A6300)
Sony ILCE-6400 (Sony A6400)
Sony ILCE-6500 (Sony A6500)
Sony ILCE-6600 (Sony A6600)
Sony ILCE-6700 (Sony A6700)
Sony ILCE-7 (Sony A7)
Sony ILCE-7C (Sony A7C)
Sony ILCE-7CR (Sony A7CR)
Sony ILCE-7M2 (Sony A7 II)
Sony ILCE-7M3 (Sony A7 III)
Sony ILCE-7M4 (Sony A7 IV)
Sony ILCE-7M5 (Sony A7 V)
Sony ILCE-7R (Sony A7R)
Sony ILCE-7RM2 (Sony A7R II)
Sony ILCE-7RM3 (Sony A7R III)
Sony ILCE-7RM4 (Sony A7R IV)
Sony ILCE-7RM5 (Sony A7R V)
Sony ILCE-7RM6 (Sony A7R VI)
Sony ILCE-7S (Sony A7S)
Sony ILCE-7SM2 (Sony A7S II)
Sony ILCE-7SM3 (Sony A7S III)
Sony ILCE-9 (Sony A9)
Sony ILCE-9M2 (Sony A9 II)
Sony ILCE-9M3 (Sony A9 III)
Sony NEX-3N
Sony NEX-5T
Sony NEX-6

Sony SLT-A57 (Sony A57)
Sony SLT-A58 (Sony A58)
Sony SLT-A99V (Sony A99)
Sony ZV-1M2 (Sony ZV-1 II)
Sony ZV-E10M2 (Sony ZV-E10 II)

ZEISS

ZEISS ZX1

DXO

DxO ONE