Jon Fauer, ASC www.fdtimes.com Nov. 2026 RIALTO 65

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Sony RIALTO 65 Report

RIALTO 65 in Studio Mode (one piece)



Oct. 29, 2026. Sony announced new details of the RIALTO 65 Camera Extension System for VENICE 2.

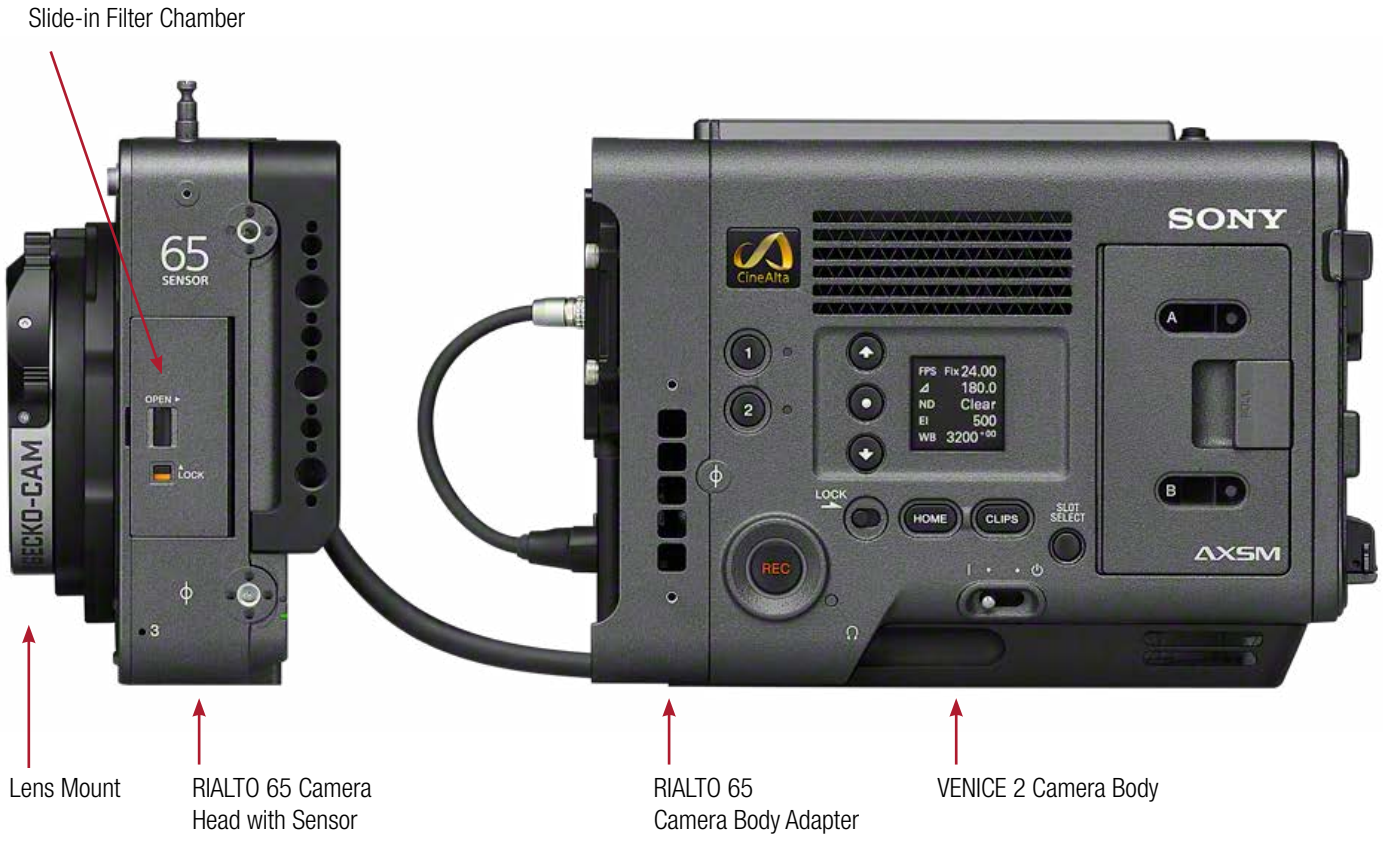
RIALTO 65 is an add-on that works with existing VENICE 2 6K and 8K cameras. Your VENICE 2 can continue to be configured as a Full Frame or Super 35 camera. Add the new RIALTO 65 package and VENICE 2 is transformed into a 65mm format camera without having to buy a completely new body.

It's essentially a new front-end with a larger sensor for the VENICE 2. The concept will be familiar to users of the Sony Extension Systems (RIALTO, RIALTO II and RIALTO Mini).

The camera works in two basic "builds": Studio Mode with the camera head attached directly to the body and Extension Mode with the camera head separated from the VENICE 2 body

RIALTO 65 has a 65mm format image sensor with a 1.5:1 aspect ratio (3:2). Sensor dimensions are 53.75 × 35.83 mm. The image diagonal is 64.60 mm.

RIALTO 65 in Extension Mode (tether)



RIALTO 65 includes the following parts that come standard:



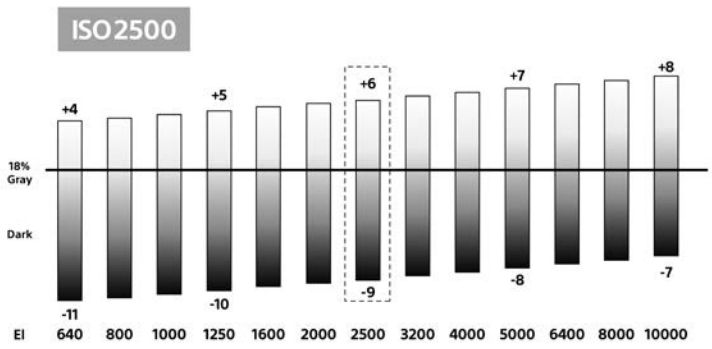
Sony RIALTO 65



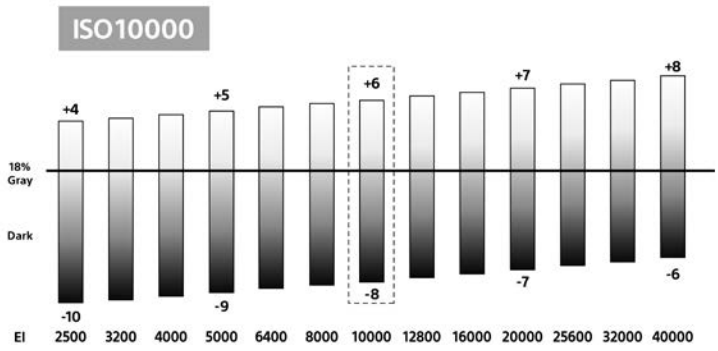
Some RIALTO 65 Details

- Size of Camera Head: about 115 × 154 × 63 mm / 4.5 × 6.1 × 2.5 in (with camera head rear plate, cable connector attached, without lens mount).
- Weight of Camera Head: about 1.8 kg / 4 lb without lens mount, with camera head rear plate, cable connector attached.
- Imager Modes at launch: 9.6K 1.5:1 Open Gate and 9.6K 2.20:1.
- Additional Imager Modes will be introduced in future firmware updates.
- Base ISO: 2500 and 10000.
- At Base ISO 2500, RIALTO 65 has 15+ stops of latitude.
- The 4.5 m (14.8 ft) Extension cable between camera body and head comes with the RIALTO 65 package. A 12 m (39.37 ft) Extension Cable is available as an accessory.
- RIALTO 65 does not include a lens mount and is designed to accept third-party lens-mount adapters. So far, we have seen LPL, PL, Panavision SP70, Leitz Cine, Gecko and Panavision lens mounts.
- There are 14 contacts at the 6 o'clock position below the sensor in the camera head to connect to pogo pins in lens mount adapters. Lens data such as focal length, focus position and aperture value can be displayed on monitors and recorded as metadata.
- The RIALTO 65 system comes with 11 filters in frames—1 clear and 10 neutral density filters: ND0.3 - ND3.0 (1-10 stops). The filters are mounted in holders with electronic contacts so the VENICE 2 can automatically recognize them. Sony calls them drop-in ND filters. Drop reminds me of dropping too many filters before graduating from my brief stint as a camera assistant. So please allow me to call them slide-in filters. They do slide in from the camera left side, behind a small door with a lock.
- Official Product Name: RIALTO 65 Camera Extension System.
- Model Number: CBK-6510XS.
- Availability: Tentatively first half of 2027.
- Estimated Price: $80,000.00 USD MSRP.
- Visit the Sony RIALTO 65 product pages: *pro.sony/products/camera-adaptors/cbk-6510xs*

RIALTO 65 Base ISO 2500 & 10000



Base ISO 2500



Base ISO 10000

As shown in the graph, above left, Base ISO 2500 provides the RIALTO 65 with 15+ stops of latitude: 9 stops into the shadows and 6 stops in the highlights.

Adjust down to 640 ISO for 11 stops of shadow detail or up to 8 stops of highlight retention.

Base ISO 10,000, shown above right, gives you 14+ stops of latitude: 8 stops in the shadows and 6 stops in the highlights.

Set the camera to 2500 ISO for 10 stops of shadow detail and 4 stops in the highlights. Dial in 40,000 ISO to retain 8 stops of highlights and 6 stops in the shadows. Please test in advance—I have not done this yet.

Sony RIALTO 65 Accessories



CBK-12C6510 12 m /39.37 ft Cable

RIALTO 65 comes with a 4.5 m / 14.76 ft tether cable.

The longer 12 m / 39.37 ft cable shown here is an accessory option.

Price: $9,000.00 USD MSRP



CBK-NDK6510 ND Filter Kit

A set of 11 filters is included with the RIALTO 65 system. They come in special holders.

Sony calls them Drop-In Filters. If you really drop and break some, this set is available as a separate purchase. Individual filters are not sold separately.

Price: $8,000.00 USD MSRP

PS: You probably can hear colleagues already clamoring for diffusion and effect drop in...er...slide-in filters.

Sony RIALTO Family for VENICE 2



RIALTO 65 camera head

VENICE 2 camera body



VENICE Extension System (RIALTO) Mini



VENICE Extension System (RIALTO) 2

Imager Modes

Availability	Size / Resolution	Aspect Ratio	Pixels	Imaging Area W × H (mm)	Image Diagonal Ø	Project Frame Rates (fps)	Select-able fps	Anamorphic desqueeze viewing
Available at launch, firmware 1.00	65 mm 9.6K	3:2 (1.5:1)	9564 × 6376	53.75 × 35.83	64.60 mm	23, 24, 25, 29	14–30	1x (off), 1.3x,1.5x,1.6x, 1.8x, 2x
	65 mm 9.6K	2.20 :1	9564 × 4348	53.75 × 24.44	59.05 mm	23, 24, 25, 29, 47, 50	14–50	1x (off), 1.3x,1.5x,1.6x, 1.8x, 2x
Future Firmware Updates	65 mm 9.6K	17:9 (1.89:1)	9564 × 5044	53.75 × 28.35	60.77 mm	TBD	up to 40	TBD
	Full Frame 6.4K	3:2 (1.5:1)	6396 × 4264	35.95 × 23.96	43.20 mm		up to 60	
	S35 4.3K	17:9 (1.89:1)	4320 × 2280	24.28 × 12.81	27.45 mm		up to 100	

Notes

- 9.6K 3:2 for X-OCN XT recording, maximum frame rate is 24 fps. Also, 1-13 fps is not available.
- 9.6K 2.20:1 for X-OCN XT recording, maximum frame rate is 29.97 fps. Also, 1-13 fps is not available.
- 9.6K 2.20:1 maximum frame rate is 33.33 fps when Project Frame Rate is set to 24/25/50.

Specifications

Model number	CBK-6510XS
For camera body	VENICE 2 8K or VENICE 2 6K
Sensor	65mm sensor with a native 1.5:1 aspect ratio.
Sensor size	53.75 × 35.83 mm (W x H)
Imager modes	65mm 9.6K 1.5:1 and 2.20:1 Future Firmware: 65mm 9.6K 17:9 / Full Frame 6.4K / S35 4.3K
Configuration	Studio Mode / Extension Mode
Recording format	X-OCN
Media	Sony AXS Memory Cards — two AXS memory slots in the VENICE 2 body
Base ISO / Dynamic Range	Base ISO 2500: 15+ stops / Base ISO 10000: 14+ stops
Slide-in Filters	11 filters. 1 Clear and 10 NDs: ND0.3 - ND3.0 (1-10 stops) in holders with electronic contacts
Extension cables	4.5 m (14.8 ft) included / optional 12 m (39.4 ft)
Anamorphic desqueeze	For monitor output — no license required
Assignable buttons	2 user buttons (one in front and one at rear)
Tilt - Roll sensing	Horizon and level display — also recorded as metadata.
Lens Mount	RIALTO 65 does not come with a lens mount. Use 3rd party mounts: LPL, PL, Panavision SP70, Leitz Cine, Gecko, Panavision, etc.
Lens Data Contacts	Cooke /i
Dimensions, W × H × D (Camera Head)	Approx. 115 × 154 × 63 mm 4.5 × 6.1 × 2.5 in (without lens mount, with camera head rear plate, cable connector attached)
Weight (Camera Head)	Approx. 1.8 kg 4 lb (without lens mount, with camera head rear plate, cable connector attached)

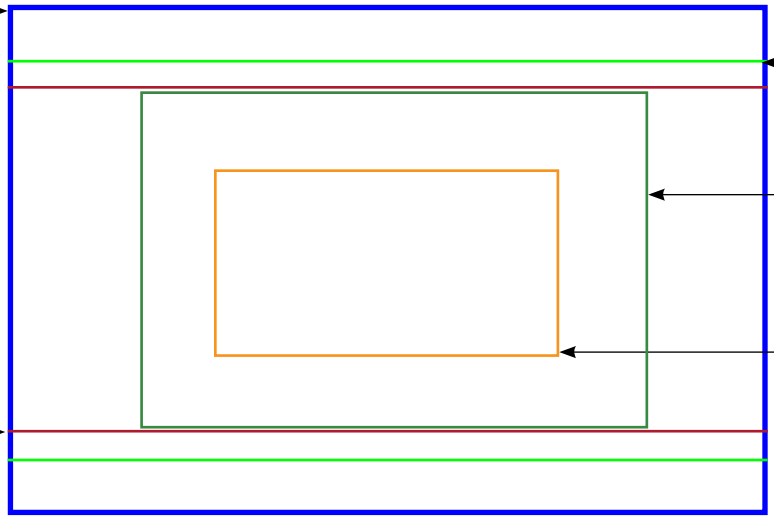
These specifications are as of November 6, 2026 and subject to additions, corrections and changes.

Sony RIALTO 65 Imager Modes

RIALTO 65 launches with these two Imager Modes:

65mm 9.6K 3:2 (1.5:1)
Open Gate
9564 × 6376
53.75 × 35.83 mm
64.60 mm Ø

65mm 9.6K 2.20:1
9564 × 4348
53.75 × 24.44 mm
59.05 mm Ø



Additional Imager Modes in Future Firmware Updates:

65mm 9.6K 17:9
9564 × 5044
53.75 x 28.35 mm (60.77 mm Ø)
(future firmware update)

Full Frame 6.4K 3:2
6396 × 4264
35.95 × 23.96 mm (43.20 mm Ø)
(future firmware update)

Super35 4:3K 17:9
4320 × 2280
24.28 × 12.81 mm (27.45mm Ø)
(future firmware update)

Sony RIALTO 65 IMAX Aspect Ratios

At launch, there are only two Imager Modes. But, user-defined framelines and aspect ratios are almost infinite.

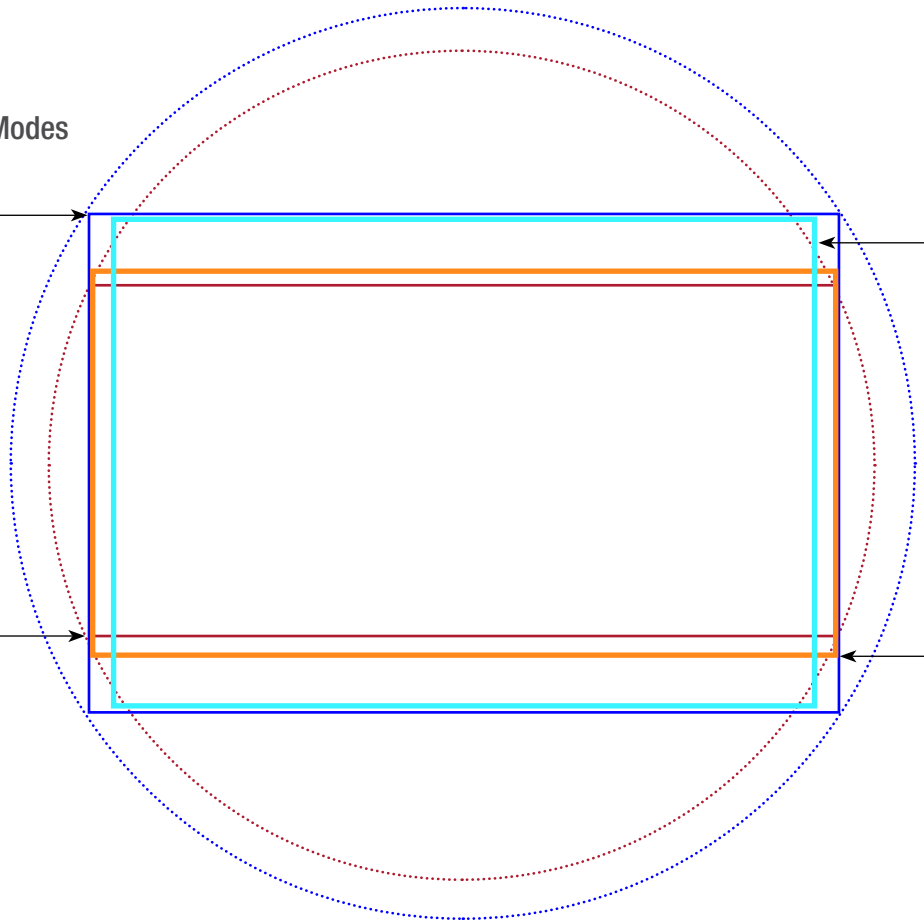
The proximity to IMAX 1.43:1 and 1.90:1 aspect ratios is appealing. There are maybe 1,760 IMAX theaters worldwide. Of these, about 30 have IMAX 70mm or laser projection in a 1.43:1 aspect ratio. The remaining 1,730 screens have laser projection in a 1.90:1 aspect ratio.

This IMAX speculation is mine and not Sony's. Here is a preliminary diagram showing , not an official Sony drawing:

RIALTO 65 Imager Modes

9.6K 1.5:1 (1.5:1)
Open Gate
53.75 x 35.83 mm
64.60 mm Ø

9.6K 2.2:1
53.75 x 24.44 mm
59.05 mm Ø



IMAX Aspect Ratios

1.43:1 Full Height.

It's just a slight horizontal crop to get from the RIALTO 65's native 1.5:1 aspect ratio to IMAX 1.43:1.

1.90:1 Full Width.
This is also a salubrious size for IMAX projection.

Will my 65mm Format Lenses Cover RIALTO 65?

There's been a bit of chatter about what lenses "cover" or don't cover the new RIALTO 65 sensor. Remember a similar situation when Full Frame arrived and there was a mad dash to the nearest lens projector to see which lenses would cover? That led to philosophical debates: what is coverage, illumination, vignetting, shading, and the meaning of life on location.

Some lens sets completely cover the RIALTO 65 sensor in Open Gate. Others cover smaller image circles. In that case, set the Imager Mode to 65mm 9.6K 3:2 (1.5:1) and crop accordingly in post.

Imager Modes and Framelines

What is Imager Mode?

Imager Mode is the active area of the sensor. You choose it from the menu. The camera only records ("windows") the active area, so you don't have to crop the "out of frame" areas in post. Imager Modes with shorter vertical heights usually result in the ability to record at higher frame rates — slower motion.

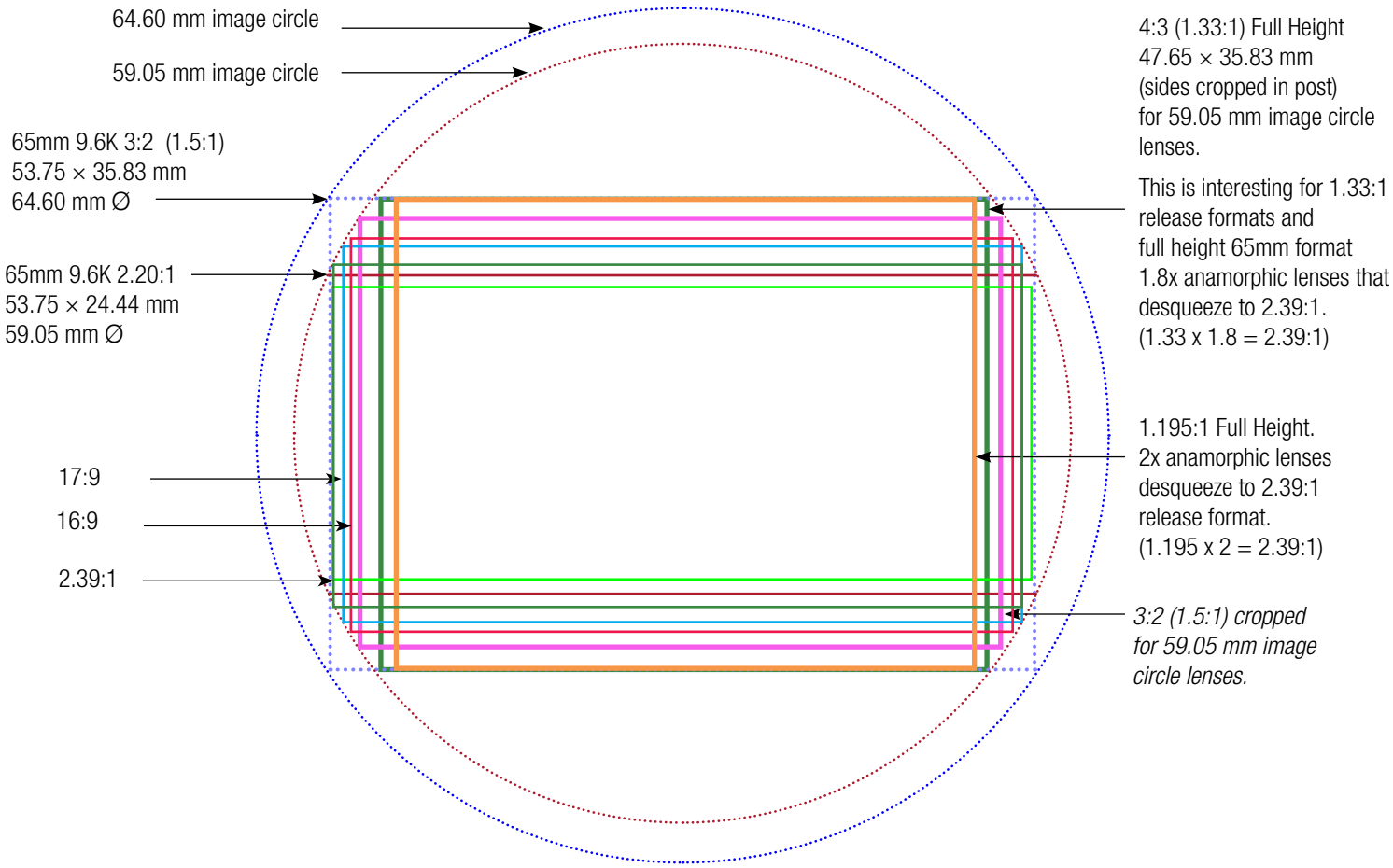
What is Frameline Aspect Ratio?

Aspect Ratio is the relationship between width and height, like 1.5:1 or 3:2. Once you choose an Imager Mode, you should also select the framelines appropriate to your intended release format's Aspect Ratio. Of course, Frameline Aspect Ratios do not have to match the Imager Mode's Aspect Ratio.

The VENICE 2 Full Menu offers preset and user-definable Framelines for RIALTO 65. Be sure to shoot a framing chart so the post production team knows where to crop.

Sony RIALTO 59.05 mm ∅ Aspect Ratios

RIALTO 65 is a multi-format, almost infinite frameline camera. For lenses that don't cover the entire Open Gate 64.60 mm image diagonal, many can still fill the sensor's Full Height or Full Width in various user-defined frameline Aspect Ratios. Here are some examples with a 59.05 mm image circle:



Earlier Sony RIALTO 65 Development Announcements



Above: Yokohama waterfront. Below: Sony City Minato Mirai. Photos by Jon Fauer .

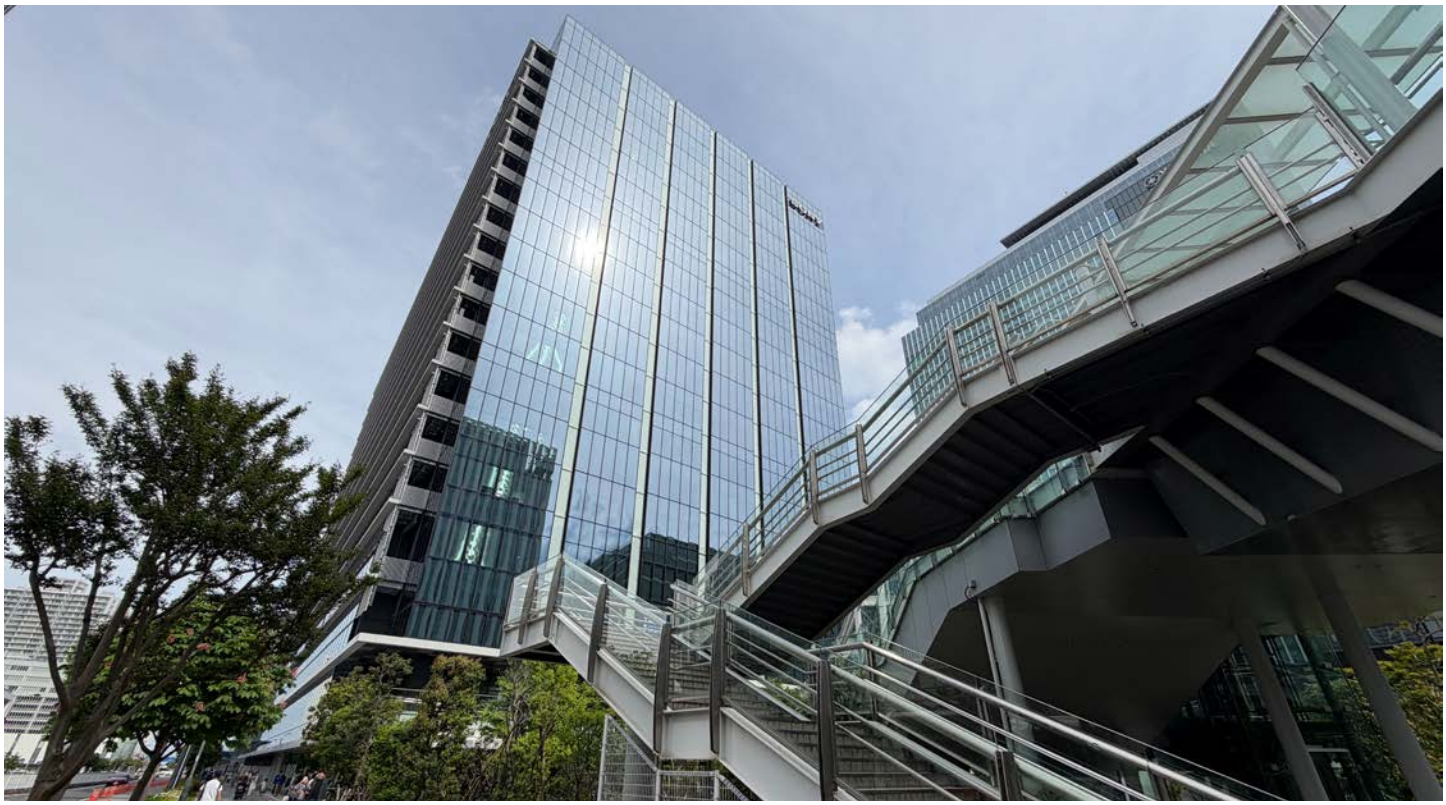
This has been a long hello.

April 2026. At NAB, Nobutatsu (Nobu) Takahashi, Senior General Manager of Sony's New Content Creation Business Unit Cinema Line Division, said, "Come visit us in Yokohama. We have something big to show you."

I arrived at Sony City Minato Mirai, headquarters of Sony's Imaging Division a few days later. It was a brisk, jetlag antidote 8-minute walk from the Yokohama waterfront.

This was becoming a habit. Just a year ago, same place, similar time, I got an in-depth advance sneak peak at the nascent VENICE Extension System Mini (aka RIALTO Mini). If this was something big, could it possibly be a bigger brother of RIALTO Mini?

Yes, it was a preview of Sony's RIALTO 65 first official development announcement, to be revealed on June 3. There had been cries and whispers, hopes and rumors for quite some time that Sony would not resist the temptation of a 65mm format camera. Sony had been stoic in response with winks and "it's under consideration." And yet, wasn't Sony known for 5-year roadmaps?



Sony RIALTO 65 April Development Announcement



Koji Morioka (Lead Mechanical Engineer) and Tetsuji Yamaguchi (Project Leader) revealing a pre-production Sony RIALTO 65 camera system.

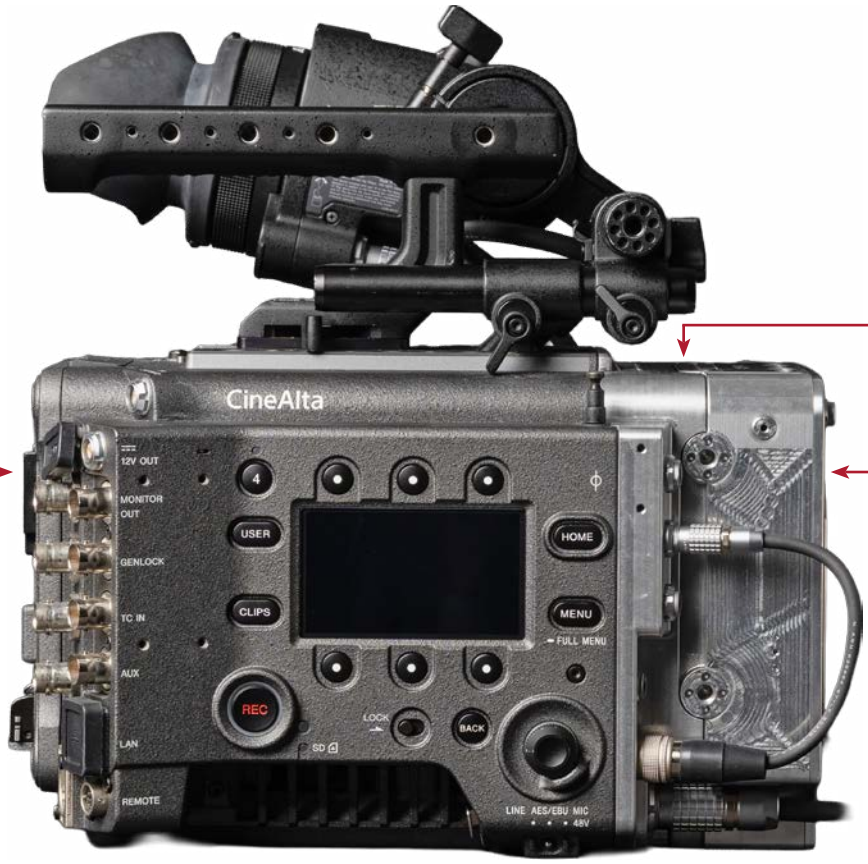
And so, with flourish and fanfare, the Sony CineAlta team removed a concealing cover off the latest camera system. You could almost hear Odaiko big traditional drums in the background. "Welcome to an early version of the Sony RIALTO 65 that is still under development," they said. Please wait for more details as we work over the course of this year."

You can recognize what's going on in the photo above. The silvery, unfinished exterior of the RIALTO 65 front end and camera head are actually more explanatory than the finished system we see six months later.

There's an existing VENICE 2 body in back, finished in typical Sony VENICE gray. Rental houses and owners will rejoice. Their investments are not rendered obsolete. Remove the VENICE 2 Full Frame sensor assembly and replace it with the new 65mm forma sensor and camera head for 1.4x larger format production. Keep your Full Frame front-end and swap back and forth.

Why is it called RIALTO 65? Because you can tether the 65mm sensor block to the camera in ways already familiar to users of the original RIALTO and RIALTO Mini. The entire concept is extremely well conceived and carried out.





Camera Right Side



Camera Left Side

Front Views



RIALTO 65 comes without a lens mount. Native flange focal distance from the flat front to the sensor is 20 mm.



Here's the new Leitz Cine LPL Mount for RIALTO 65.

Note that the RIALTO 65 LPL Mount is different from the PL Mount for VENICE 2 because the flange focal distance is different.



RIALTO 65 (65mm Format)



VENICE 2 (Full Frame) with E-mount



RIALTO Mini with E-mount (Full Frame)

Product photography by Keita Yasui, Sony Public Relations

Sony RIALTO 65 Studio Mode and Extension Mode - April 2026

RIALTO 65 has two operating modes: Studio Mode and Extension Mode.

RIALTO 65 can attach directly to a VENICE 2 as a single-piece camera, Studio Mode.



Studio Mode

Separate the RIALTO 65 Sensor Assembly front-end from the VENICE 2 Camera Body for Rialto tethered Extension Mode.

Extension Mode



Sony RIALTO 65 Extension Mode - April 2026

Extension Mode



Cheese plate attached to back of Sensor Head →



RIALTO 65 Tethered Extension Mode with LPL mount, handgrips, baseplate and rods →



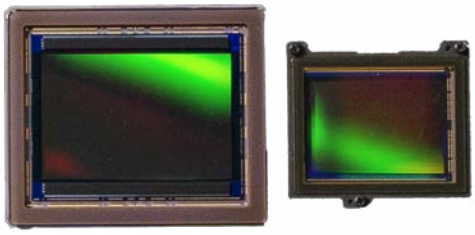
RIALTO 65 Tethered Extension Mode connection view



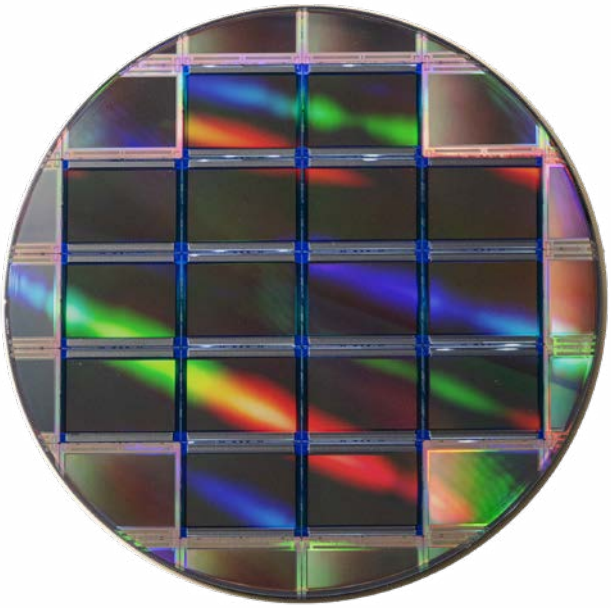
Sony RIALTO 65 Development Announcement - April 2026



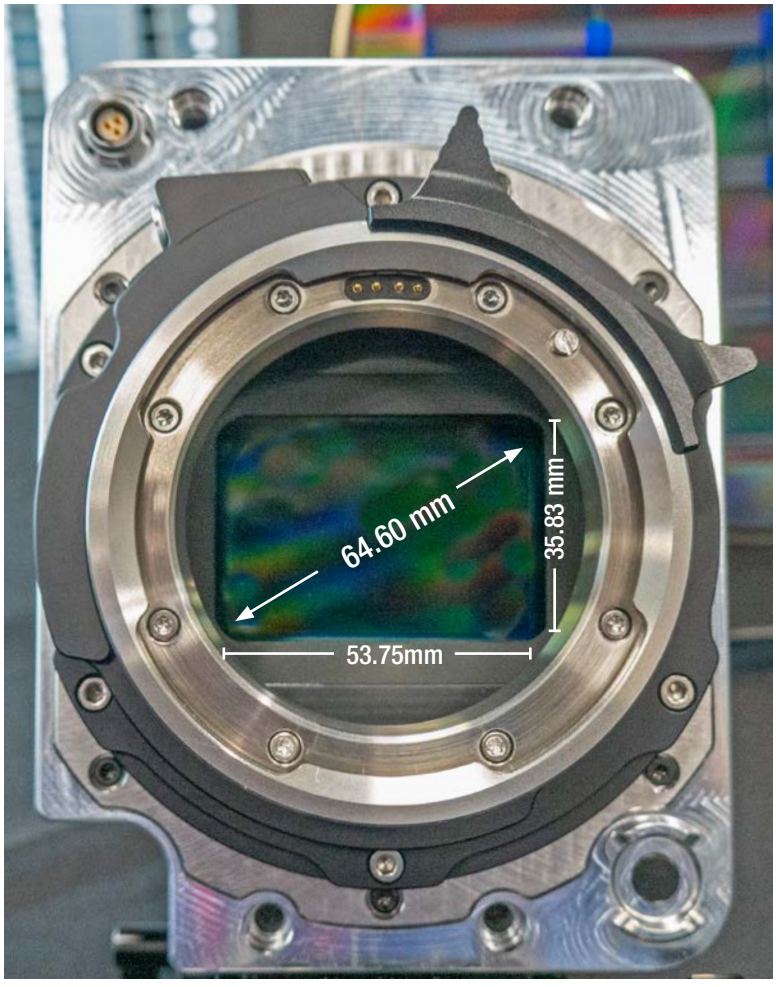
L-R: Kosuke Imagawa (Product Planning for VENICE and RIALTO), Tetsuji Yamaguchi (Project Leader), Koji Morioka (Lead Mechanical Engineer,) Takuro Ema (Head of Cinema Line Product Planning).



L-R: RIALTO 65 Sensor, VENICE 2 Sensor.



RIALTO 65 Image Sensor Wafer from Sony's fab.



Sensor dimensions and the new Gecko-Cam LPL Mount for RIALTO 65.

Sony RIALTO 65 Development Announcement - April 2026



April live image: Tetsuji Yamaguch frames up on Koji Morioka with RIALTO 65 and 100mm Leitz Thalia 65.



Koji Morioka and Nobu Takahashi drop-testing VENICE Extension System Mini.

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Special RIALTO 65 Report by Jon Fauer, ASC

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