

## **FUJIFILM Australia Announces the NEW FUJINON XF18-120mmF4 LM PZ WR Lens**

A hybrid lens with a fully electric drive control mechanism that caters to all situations in both stills and videos

**Australia, 1st June 2022** - FUJIFILM Australia is pleased to announce the launch of the "FUJINON Lens XF18-120mmF4 LM PZ WR" (hereinafter XF18-120mmF4 LM PZ WR), due to go on sale in September, 2022. The new lens joins the extensive lineup of interchangeable XF lenses designed for the X Series mirrorless digital cameras, renowned for their compact and lightweight design and outstanding image quality delivered with Fujifilm's proprietary colour reproduction technology.

The XF18-120mmF4 LM PZ WR covers focal lengths ranging from the wide-angle 18mm to telephoto 120mm (equivalent to 27mm - 183mm in the 35mm film format). The highly versatile 6.7x power zoom in a compact design facilitates a variety of shooting situations, including landscape (wide angle) and portraiture (telephoto). Furthermore, the lens is capable of producing premium-quality movies thanks to the advanced video performance Fujifilm has nurtured over many years in the fields of broadcast and cine lenses. This lens caters to high-quality imagery for both stills and videos in a variety of situations.

The XF18-120mmF4 LM PZ WR is a power zoom lens that offers the constant maximum aperture of F4.0 across the entire range from wide angle to telephoto and maximum magnification ratio of x0.2 to capture close-up shots.

The XF18-120mmF4 LM PZ WR lends itself well to filming video as it suppresses change in angle of view during focusing and optical axis shift during zooming. Users can zoom and focus with peace of mind while filming video, thus facilitating premium quality video production. In addition to the regular zoom and focus rings, the lens is equipped with additional video features i.e. a variable zoom/focus control ring and a zoom button for constant zooming. These versatile video functions have only been made possible thanks to the expertise of the FUJINON Lens brand.

The lens provides hybrid shooting capability for any scene in both stills and videos.

### **Key product features**

#### **Broad range of focal lengths for superior stills and videos**

- The XF18-120mmF4 LM PZ WR consists of 15 lens elements in 12 groups, including three aspherical elements and three ED elements to effectively suppress spherical aberration, distortion and chromatic aberration for excellent image-resolving

performance. Users can precisely capture fine details during information heavy landscape photography at wide angle, as well as telephoto close-ups of subjects such as in portraiture.

- Optimum positioning of the focus lens suppresses focus breathing optically. Advanced technology, on which FUJINON cine lenses are built, reduces change in angle of view during focusing in video-filming to offer a superior filming experience.
- The aspherical elements and ED elements are effectively positioned to achieve the 6.7x zoom ratio and compact design, while also offering the maximum aperture of F4.0 across the entire zoom range.
- The optimum positioning of the aspherical elements enables close-up photography at the maximum magnification ratio of x0.2 with the minimum working distance of just 46cm from the front most lens element across the entire zoom range.

#### **Fast and highly accurate AF**

- The XF18-120mmF4 LM PZ WR uses the Inner Focus system, which drives the compact and lightweight focus lens group with a linear motor. The compact design of the focus lens group facilitates precision AF at approx. 0.02 seconds<sup>1</sup>, ensuring that users do not miss a decisive moment.
- The XF18-120mmF4 LM PZ WR's focus tracking performance is dramatically improved when it is mounted on the Fujifilm X-H2S, also announced today. The lens supports the camera's high speed focus drive mechanism to maintain a natural focus on a moving subject even during video-filming.

#### **Diverse video-filming functions for easy video production**

- The aperture drive control has been updated to successfully suppress exposure shift linked to aperture adjustments. When the level of luminosity changes, the aperture transitions smoothly so that users can comfortably film a scene with a rapid change of brightness.
- The lens features a zoom.focus control ring, which allows users to control zooming or focusing at variable speed. During video filming, users can control the pace of zooming or focusing exactly as they intend for greater freedom.
- The lens also comes with a zoom button, which can drive zooming at a constant pace<sup>2</sup>, allowing anyone to master video production that involves zooming.
- When combined with the mirrorless digital camera, the Fujifilm X-H2S and optional accessory FT-XH, also announced today, the XF18-120mmF4 LM PZ WR can be

---

<sup>1</sup> Using an internal measurement method compliant with the CIPA Guidelines, when mounted on the mirrorless digital camera "Fujifilm X-T4" with Phase Detection AF activated and the High-Performance Mode turned ON.

<sup>2</sup> With Fujifilm X-H2S, it is possible to switch between zooming and focusing, and 8-levels of speed settings. For the Fujifilm X-T4, X-T3 and X-S10, future firmware updates will enable the functions too.

used to remotely film videos. The lens and camera used with it can be controlled online in a browser to enable multi-camera shooting with limited staff availability.

**Compact and lightweight design for advanced mobility**

- The aspherical elements and ED elements are effectively positioned to achieve a lightweight design, weighing just 460g and measuring 123.5mm in length, making it easily portable to facilitate agile filming.
- The use of the Inner Zoom system means the lens barrel has a plain, non-extending structure. The result is a lightweight lens that zooms easily with no shift in weight distribution. Additionally, instead of the conventional cam barrel, in which the lens barrel rotates, this lens uses a smooth power zoom mechanism that drives the zoom lens group linearly with a stepping motor to achieve high quality zooming with no optical axis shift across the entire zoom range.

**Dust and weather-resistant structure capable of operating at low temperatures**

- The lens barrel is weather-sealed at 13 locations to ensure dust- and weather-resistance and the ability to operate at temperatures down to -10 degrees Celsius, allowing users to shoot in any situation with peace of mind.

**Product name, release date and price**

Product name	Release date	RRP (including GST)
XF18-120mmF4 LM PZ WR	September 2022	\$1,599

**- ENDS -**

**About FUJIFILM Australia**

FUJIFILM Australia is one of the major operating companies of FUJIFILM Holdings Corporation. It brings cutting edge solutions to a broad range of global industries, spanning a diversified range of product segments based on a portfolio of chemical, mechanical, optical, electronic and imaging technologies.

Since 1934, Fujifilm has leveraged its depth of expertise, combining this with its relentless pursuit of innovation to create new proprietary technologies, products and services that inspire and excite people. Fujifilm aims to address the true needs of its customers, helping to enhance the quality of life of people worldwide.

For more information, please visit <https://www.fujifilm.com/au/en>.

