



4K Premium
UHD DIGISUPER 27
UJ27x6.5B 6.5-180mm 1:1.5

CANON 4K UHD UJ27X6.5B STUDIO BROADCAST LENS

Designed for use in numerous high-end studio broadcast applications, the UHD DIGISUPER 27 combines outstanding optical performance beyond 4K resolution with a 27x zoom ratio (6.5mm to 180mm) and wide angle focal length (6.5mm at 1x, 13mm at 2x) along with easy-to-operate features.

OPTICAL PERFORMANCE THAT EXCEEDS 4K RESOLUTION

The most advanced computer simulation design techniques, deployment of new glass materials and optical coatings, and new precision optomechanical design strategies deliver outstanding overall optical performance beyond 4K resolution even when the built-in 2x extender is engaged.

STABLE SERVO PERFORMANCE

A 2/3-inch 4K acquisition system can result in a narrower depth-of-field than an equivalent HD system, making achievement of accurate focus more critical. To help alleviate this challenge, the operation of the focusing system within the lens has been improved compared to previous models, which aids operational tracking of focus on selected scene objects even when fast zooming is also engaged.

HIGH DYNAMIC RANGE (HDR) PERFORMANCE

The lens has been designed with proprietary coating and anti-reflection materials to precisely manage internal light reflections and to better suppress unintended ghosting and flare, producing superb contrast and color reproduction of nominally exposed images.

16 BIT OUTPUT TO SUPPORT VARIOUS VIRTUAL SYSTEMS

The lens is equipped with 16-bit optical rotary encoders to output highly precise positional data of zoom, focus and iris on a 20-pin connector for direct digital interface to robotic and virtual studio systems.

COMPATIBLE WITH HD LENS SYSTEMS

The lens utilizes the same standard controllers for zoom and focus operations that have been optimized over decades of Canon HDTV field lens developments. Similar in size and weight to our 2/3" HD lenses, the UHD DIGISUPER 27 allows for the same shooting style.

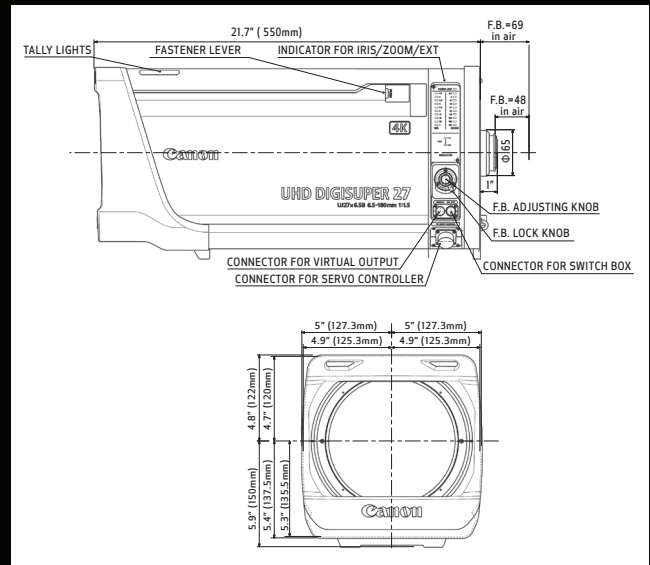
4K PREMIUM UHD UJ27X6.5B STUDIO BROADCAST LENS

PRODUCT NAME: UJ27x6.5B 6.5-180MM 1:1.5

SPECIFICATIONS

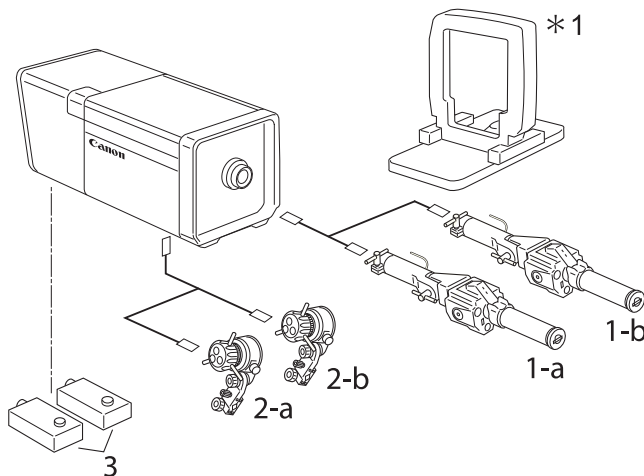
BUILT-IN EXTENDER	1.0x	2.0x
FOCAL LENGTH	6.5-180mm	13.0-360mm
ZOOM RATIO	27x	
MAXIMUM RELATIVE APERTURE	1:1.5 at 6.5 - 123mm 1:2.2 at 180mm	1:3.0 at 13 - 246mm 1:4.4 at 360mm
ANGULAR FIELD OF VIEW	72.9° x 45.1° at 6.5mm 3.1° x 1.7° at 180mm	40.5° x 23.5° at 13mm 1.5° x 0.9° at 360mm
M.O.D.	0.6m	
OBJECT DIMENSIONS AT M.O.D.	106.1 x 59.7cm at 6.5mm 3.8 x 2.1cm at 180mm	53.1 x 29.9cm at 13mm 1.9 x 1.1cm at 360mm
APPROX. SIZE (W x H x L)	9.9 x 10.1 x 21.7 in (250.6 x 255.5 x 550mm)	
APPROX. WEIGHT	47.4 lbs (21.5kg)	

DIMENSIONS



RECOMMENDED LENS SYSTEM / ACCESSORIES

UHD DIGISUPER



Compatibility of Accessories for UHD DIGISUPER

No.	Description	Model Name
1-a	Digital Zoom Demand	ZDJ-P01
1-b	Digital Zoom Demand	ZDJ-D02
2-a	Digital Focus Demand	FDJ-P01
2-b	Digital Focus Demand	FDJ-D02
3	Digital Servo Module	SMJ-E01
—	Protection Filter	PFJ-217

* 1. Lens Supporter is necessary for portable camera mounting.

Specifications subject to change without notice.

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