# PRODUCT MANUAL 2023



#### **CREATIVE & DELIGHTED**

The spirit of a lens depends on those who manipulate them. Different creators in different fields would generate new value and experience. Young but vigorous DJ, geek of extreme sports, courageous adventurers, cartoonist, five-star chef, aircraft commander etc ...

#### **EFFICIENT**

At this moment, it is because the scene through the lens just fits well with our ideal. There is no need to wait or hesitate. Adhering to the spirit of the brand, DZOFILM dedicates to eliminating complications and superfluities in the products and services, leading you to a swift and fast workflow.

#### **PROVEN**

Fast fashion would be gone but classics remain permanently. Cine lens, as an object nurtured and cultivated by optical technology, should try to be the best of all possibilities in design. Balancing the harmony between aesthetics and utility, we keep the products compact and versatile. DZOFILM tries to witness and benefit from the test of time freely and easily, no matter at the core or the external.

#### **VITALITY**

The concept of DZOFILM is to explore more possibilities and incorporate it into daily filming and thinking. Whether the combination among cine equipments, the interaction between time and space, or the relationship between cinematographer and objects, above of all, could be the next exploration of DZOFILM.

**GNOSIS MACRO** 



CATTA ACE





**VESPID RETRO** 

CATTA COIN







PICTOR ZOOM



LINGLUNG ZOOM



MARLIN EXPANDER



OCTOPUS ADAPTER



**KOOP FILTER** 



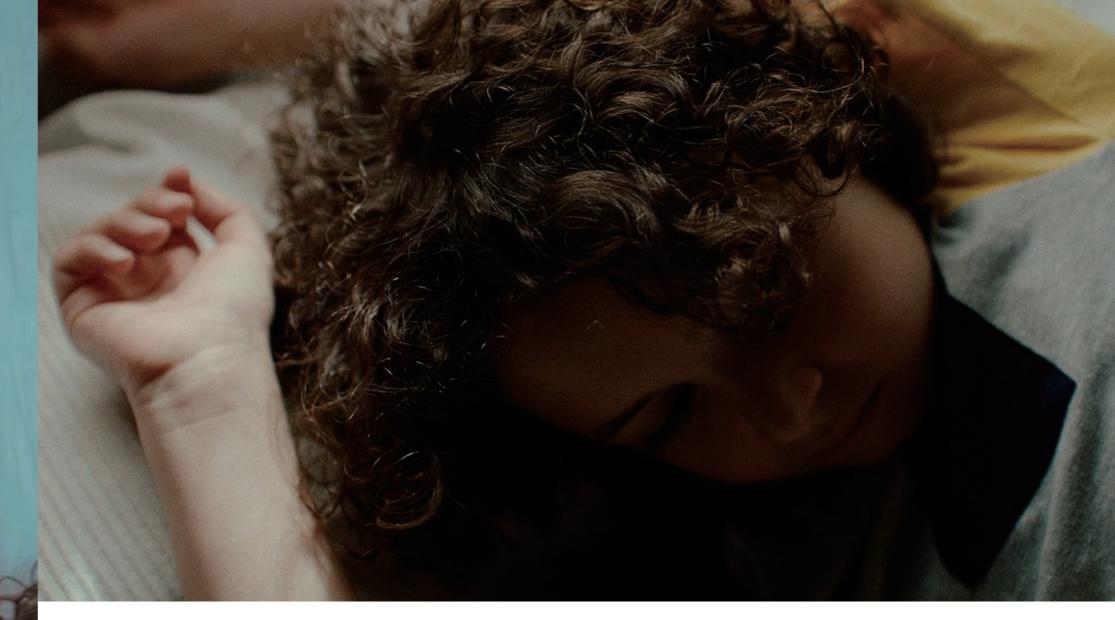
# GNOSIS VISTA VISION

### FOCUSING ON DETAILS REFRAMING MICRO VISION

The 32/65/90mm lens allows you to get an incredible amount of details and discover the astonishing image of the microcosm at the minimum focusing distance of 17-26cm with a 1:1/1.33:1/1.5:1 magnification ratio respectively.







CINEMATIC IMAGING IN GREAT DETAILS

From the MFD to INF, Gnosis provides excellent image quality with extreme sharpness from the center of frame right out to the edges.

The color rendition is uniformly and naturally clean from in-focus to out-of-focus, presenting a stunning image rich in gradation.



FOCAL LENGTH	32mm	90mm			
COLOUR					
MOUNT		PL / EF / LPL			
T-STOP		T2.8-T22	11.5		
IMAGE CIRCLE	1 1945	∮ 46.5mm (VV/FF)	00.7		
OPTICAL CONSTRUCTION	11 Elements in 9 Groups	11 Elements in 8 Groups	11 Elements in 9 Groups		
FLANGE DISTANCE		52mm (PL) / 44mm (EF) / 44mm (LPL)	acu.		
CLOSE FOCUS [ FROM SENSOR PLANE ]	0.167m / 6.6in	0.237m / 9.36in	0.258m / 10.2in		
MAGNIFICATION RATIO	1.0X	1.33X	1.5X		
IRIS CONTROL	Manual (rotation angle 55°)	Manual (rotation angle 67°)	Manual (rotation angle 68°)		
FOCUS CONTROL	1 1 1 1 1	Manual (rotation angle 300°)			
FRONT DIA.		∮ 114mm			
LENGTH		112mm			
IRIS BLADE		16			
FILTER SIZE	110	M105			
GEAR PITCH	0.8 Mod				
MATERIAL		Aluminium alloy			
WEIGHT	≈1460g	≈1447.5g	≈1280.5g		

# CATTA ACE STRONGER THAN EVER

**VV FORMAT** 

LIGHT AS ALWAYS

46.5mm Image Circle

Stronger than Ever





### CLEAR AS YOU SEE

Even in Wide Open



### STUNNING



FOCAL LENGTH	18-35 mm	35-80 mm	70-135 mm			
COLOUR	1-6	Black				
MOUNT	-4.5	PL/EF/LPL				
T-STOP		T2.9-T22				
IMAGE CIRCLE	φ43.5mm	φ46.5mm	(VV/FF)			
OPTICAL CONSTRUCTION	20 Elements in 14 Groups	20 Elements in 15 Groups	17 Elements in 11 Groups			
FLANGE DISTANCE	-2.5	PL=52mm, EF/LPL=44mm				
CLOSE FOCUS (FROM SENSOR PLANE)	0.51m/1ft8in	0.74m/2ft5in	0.76m/2ft6in			
ZOOM RATIO	-2 1.9X	2.3X	1.9X			
IRIS CONTROL	Manual (rotation angle 77°)	Manual (rotation angle 75°)	Manual (rotation angle 80°)			
FOCUS CONTROL	3-1.7	Manual (rotation angle 270°)				
ZOOM CONTROL	-1.6	Manual (rotation angle 100°)				
FRONT DIA.		φ80mm/3.15"				
LENGTH	179	.5mm/7.07" (PL), 187.5mm/7.38" (EF/LPL	)			
IRIS BLADE		16				
FILTER SIZE	M77					
GEAR PITCH	0.8 Mod					
MATERIAL		Aluminum Alloy				
WEIGHT	≈1850g	≈1635g	≈1710g			

### CATTA ZOOM

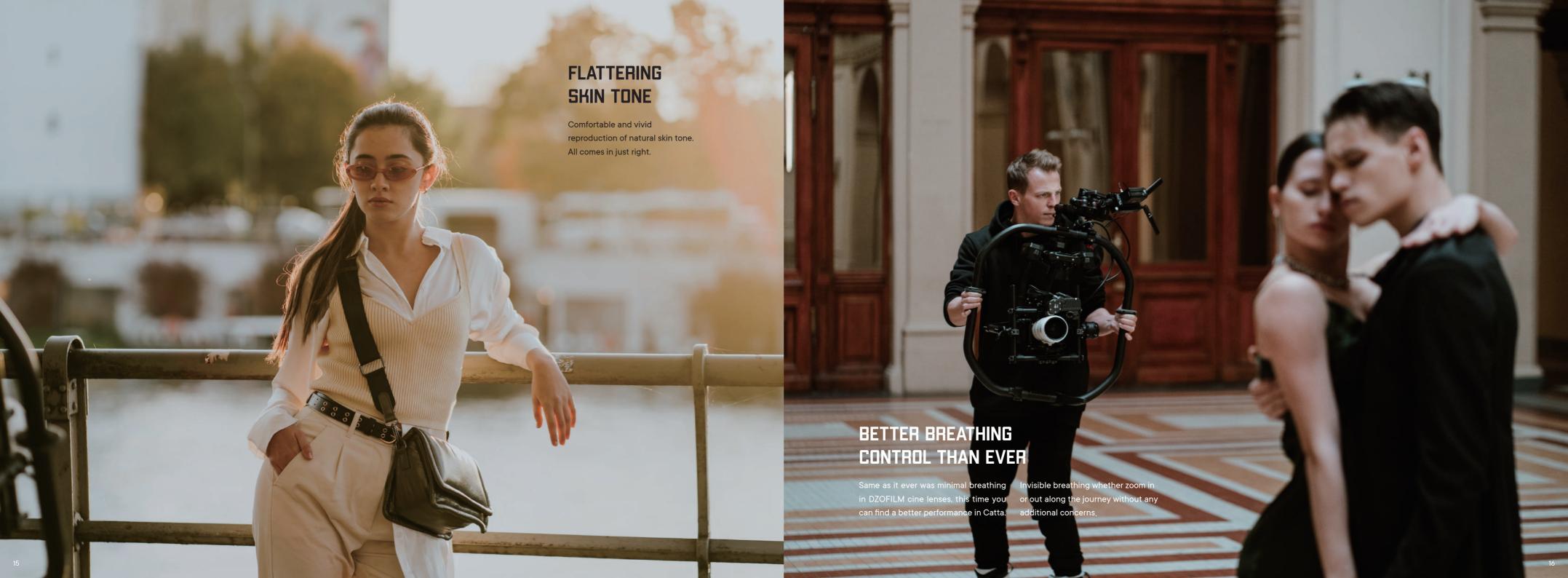
FULL FRAME

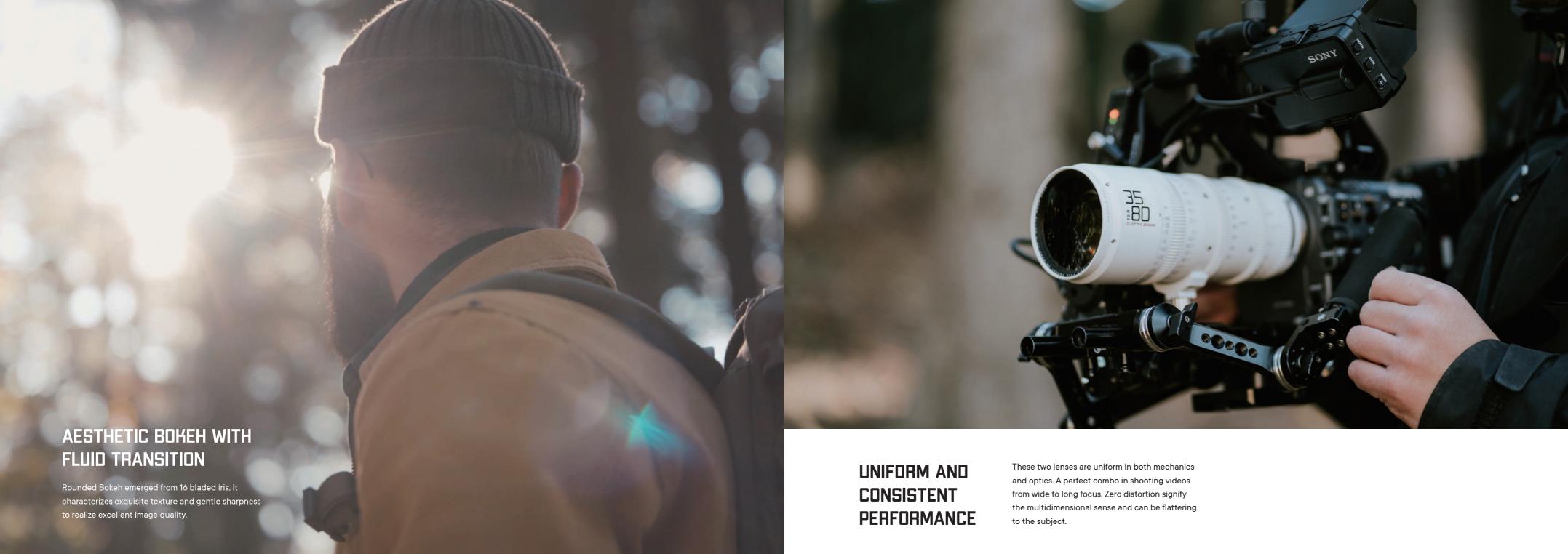
### **AUTHENTIC COLOR** REPRODUCTION

Embraced the design philosophy of natural, The golden focal lengths of 35-80mm/70original and real, Catta Zoom lenses reproduce 135mm enable cinematographers to create the real world on that small yet comprehensive cinematic images without sacrificing time in sensor.

lens replacing.









### PLUG-IN FILTER UNLOCK THE SECRET

Not only the lens loaded with 77mm detachable front filter to stimulate the unique moment but also the rear plug-in filter adds amusement to the shooting experience.

Allowing users to change ND /UV / Streak / Mist filter freely.





FOCAL LENGTH	35-80mm	70-135mm				
COLOUR	BLACK/	WHITE				
MOUNT	E/RF/L	_/X/Z				
T- STOP	T2.9-	T22				
IMAGE CIRCLE	∮ 43.5mm(FL	JLL FRAME)				
OPTICAL CONSTRUCTION	20 Elements in 15 Groups	17 Elements in 11 Groups				
FLANGE DISTANCE	E=18mm, L/RF=20mm	, X=17.7mm, Z=17mm				
CLOSE FOCUS [FROM SENSOR PLANE]	35 0.74m/2ft5in	0.76m/2ftóin				
ZOOM RATIO	2.3x	1.9x				
IRIS CONTROL	Manual (rotation angle 75°)	Manual (rotation angle 80°)				
FOCUS CONTROL	Manual (rotatio	on angle 270°)				
ZOOM CONTROL	Manual (rotatio	on angle 100°)				
FRONT DIA.	∮ 80mn	n/3.15"				
LENGTH	212.4mm/8.36" (RF/L); 214.4mm/8.44"(	(E); 214.7mm/8.45"(X; 215.4mm/8.48"(Z)				
IRIS BLADE	16					
FILTER SIZE	M77					
GEAR PITCH	0.8 Mod					
MATERIAL	PC+	GF				
WEIGHT	≈1532g	≈1597g				

# VESPID PRIME VISTA VISION

### CINEMATIC CAPTURING BEYOND FULL FRAME (46.5MM)

Weigh only 732g-940g Compact and Portable, Convenient for documentary shooting. Like a Vespid, nimble and agile, easy to satisfy different shooting conditions.







#### FAITHFUL YOUR RELIABLE FILMING PARTNER

Negligible breathing effect, creating an immersive scene. Neutral color, fine and soft skin rendering, represent the actual image. A perfect companion between A-roll and B-roll.



### APO DESIGN

GENTLE SHARPNESS AND VIVID CLARITY

Appropriate sharpness generates cinematic feeling while expressing organic look and fine details. In accordance with standard of APO, Vespid Prime optimizes chromatic aberration one by one.

### PLEASING ROUND BOKEH

16-blade diaphragm design, achieves natural and soft bokeh. Organic and emotional images composed by esthetic transition during focus falling off.



FOCAL LENGTH	16 mm	21 mm	25 mm	35 mm	40 mm	
COLOUR			Black		Allen	
MOUNT			PL / EF			
T-STOP	T2.8-T22		T2.1	-Т22		
IMAGE CIRCLE			φ46.5(VV/FF)			
OPTICAL CONSTRUCTION	14 Elements in 10 Groups	13 Elements in 9 Groups	12 Elements in 11 Groups	11 Elements in 9 Groups	10 Elements in 9 Groups	
FLANGE DISTANCE			52mm(PL)/44mm(EF)	DZOFILM	T	
CLOSE FOCUS DIS. (FROM SENSOR PLANE) (METRIC/IMPERIAL)	0.25m/10in	0.28m/11in	-0.6 >-0.5	0.3m/1ft	2.8-<	
MAGNIFICATION RATIO			-05		4-	
IRIS CONTROL	Manual (rotation angle 50°)	Manual (rotat	ion angle 68°)	Manual (rotation angle 63°)	Manual (rotation angle 68°)	
FOCUS CONTROL			Manual (rotation angle 270°)			
FRONT DIA. (METRIC/IMPERIAL)			φ80mm/3.15"		(8 t	
LENGTH (METRIC/IMPERIAL)	87mm,	/3.43"	100mm/3.94"	87mm	1/3.43"	
IRIS BLADE			16			
FILTER SIZE	/		M	177	6, 6	
GEAR PITCH		0.8 Mod				
MATERIAL			Housing: Aluminum Alloy			
WEIGHT	≈930g	≈935g	≈940g	≈834g	≈943g	

FOCAL LENGTH	50 mm	75 mm	90 mm	100 mm	125 mm		
COLOUR			Black				
MOUNT			PL / EF				
T-STOP	T2.1-	-T22	T2.8-T22	T2.1	-T22		
IMAGE CIRCLE			φ46.5(VV/FF)				
OPTICAL CONSTRUCTION	9 Elements	in 7 Groups	11 Elements in 9 Groups	9 Elements in 7 Groups	10 Elements in 8 Groups		
FLANGE DISTANCE			52mm(PL)/44mm(EF)				
CLOSE FOCUS DIS. (FROM SENSOR PLANE) (METRIC/IMPERIAL)	0.46m/1.6ft6in	0.6m/2ft	0.258m/10.2in	0.7m/2ft4in	0.79m/2ft7in		
MAGNIFICATION RATIO		/	1.5X	/			
IRIS CONTROL	Manual (rotation angle 58°)	Manual	(rotation angle 68°)	Manual (rotation angle 83°)	Manual (rotation angle 84°)		
FOCUS CONTROL	Manual (rotati	on angle 270°)	Manual (rotation angle 300°)	Manual (rotation angle 270°)			
FRONT DIA. (METRIC/IMPERIAL)	:		φ80mm/3.15"				
LENGTH (METRIC/IMPERIAL)	87mm	/3.43"	112mm/4.41"	100mr	n/3.94"		
IRIS BLADE			16				
FILTER SIZE			M77				
GEAR PITCH		0.8 Mod					
MATERIAL			Housing: Aluminum Alloy				
WEIGHT	≈732g	≈865g	≈800g	≈890g	≈924g		

### VESPID RETRO

16MM T2.8 / 25 / 35 / 50 75 / 100 / 125MM T2.1

VISTA VISION



### GOLDEN COATING, RETRO AESTHETICS

Special coating techniques meet more possibilities for evocative and stylistic filming. Unconventional anodized aluminum alloy in silver provides a classic and stylish appearance.





FOCAL LENGTH	16 mm	25 mm	35 mm	50 mm	75 mm	100 mm	125 mm
COLOUR			W 23 7	Silvery	1		
MOUNT			LINE	PL/EF			
T-STOP	T2.8-T22		10	T2.1-T22			
IMAGE CIRCLE			1-5	φ46.5(VV/FF)		1 2	Children .
OPTICAL CONSTRUCTION	14 Elements in 10 Groups	12 Elements in 11 Groups	11 Elements in 9 Groups		9 Elements in 7 Groups	A la	10 Elements in 8 Groups
FLANGE DISTANCE			1 1	52mm(PL)/44mm(EF)			(Breakley)
CLOSE FOCUS DIS. (FROM SENSOR PLANE)	0.25m/10in	0.3m/	LITU -5	0.46m/1.6ft6in	0.6m/2ft	0.7m/2ft4in	0.79m/2ft7in
MAGNIFICATION RATIO			-1.6	/			
IRIS CONTROL	Manual (rotation angle 50°)	Manual (rotation angle 68°)	Manua I (rotation angle 63°)	Manual (rotation angle 58°)	Manual (rotation angle 68°)	Manual (rotation angle 83°)	Manual (rotation angle 84°)
FOCUS CONTROL	181		11	Manual (rotation angle 27	O°)		
FRONT DIA.				φ80mm/3.15"			
LENGTH	87mm/3.43"	100mm/3.94"	DETRO O	87mm/3.43"		100m	m/3.94"
IRIS BLADE			- U.S	16			
FILTER SIZE			_08	1			
GEAR PITCH				0.8 Mod			
MATERIAL				Aluminum Alloy			
WEIGHT	≈930g	≈940g	≈834g	≈732g	≈865g	≈890g	≈924g

# VESPID CYBER VV / FF / T2.1-22

REAL-TIME TRANSMISSION

Focusing and aperture data are acquired with unique DZOFILM data interface function.





Connects DJI Ronin RS3 Pro without calibration.

### THREE GOLDEN FOCAL LENGTHS

COUNTLESS POSSIBILITIES IN THE FUTURE

35/50/75mm

Stay tuned to see more options in the future.





FOCAL LENGTH	35 mm	50 mm	75 mm
COLOUR		Black	
MOUNT		PL / EF	
T-STOP		T2.1-T22	
IMAGE CIRCLE		φ46.5(VV/FF)	
OPTICAL CONSTRUCTION	11 Elements in 9 Groups	9 Elements	in 7 Groups
FLANGE DISTANCE		52mm(PL)/44mm(EF)	
CLOSE FOCUS (FROM SENSOR PLANE)	0.3m/1ft	0.46m/1.6ft	0.6m/2ft
IRIS CONTROL	Manual (rotation angle 63°)	Manual (rotation angle 58°)	Manual (rotation angle 68°)
FOCUS CONTROL		Manual (rotation angle 270°)	
FRONT DIA.	- //	φ95mm	
LENGTH		97mm	
IRIS BLADE		16	
FILTER SIZE		M86	
GEAR PITCH		0.8 Mod	
MATERIAL		Aluminum Alloy	
INTERFACE TYPE		LEMO(4 PIN) - TYPE C, IP50	
WEIGHT	≈1150g	≈1000g	≈1150g

### PICTOR ZOOM SUPER S35

### **INSPIRE YOUR IMAGINATION**

Pictor Zoom 20-55mm T2.8 / 50-125mm shape with precise control (270°focus rotation T2.8 covers the S35 8K resolution with a angle, standard M0.8 Mod gear pitch), include constant T2.8 aperture in full focal lengths, diversity mount adapter system, together bringing you a brilliant image. Parfocal design, activate the needs of shooting choice. negligible breathing, compact and tight





### PROFESSIONAL CINE LENSES WITH CONCRETE BUILD

DZOFILM is devoted to exploring the aesthetic of film and design of optics. Both mechanics and optics are designed to be compact and versatile, allowing users to enjoy the smooth and precise operation and every shooting moment with Pictor Zoom.



FOCAL LENGTH	14-30 mm	50-125 mm			
COLOUR					
MOUNT	1	PL / EF			
T-STOP	100	T2.8-T22	3 -1		
IMAGE CIRCLE	- 4	φ31.5mm(S35)	100		
OPTICAL CONSTRUCTION	21 Elements in 17 Groups	18Elements in 15 Groups	18 Elements in 13 Groups		
FLANGE DISTANCE	-120	52mm(PL) / 44mm(EF)			
CLOSE FOCUS (FROM SENSOR PLANE)	-30 (\- -20 \- -50 \-50 \- -50 \-50 \- -50 \	0.6m/2ft	O.8m/2ft8in		
ZOOM RATIO 105	2.14X	2.75X	2.5X		
IRIS CONTROL	61°	65°	72°		
FOCUS CONTROL	-10 y-	270°	4		
ZOOM CONTROL	-1	100°			
FRONT DIA.		φ95mm/3.74"			
LENGTH	173mm(PL)6.81"/ 181mm(EF)7.13"	164mm(PL)6.46"/ 171.9mm(EF)6.77	175mm(PL)6.89"/ 182.9mm(EF)7.20"		
IRIS BLADE		16			
FILTER SIZE		M86*0.75			
GEAR PITCH	0.8 Mod				
MATERIAL	Aluminum Alloy				
WEIGHT	≈1880g	≈1520g	≈1700g		



### LINGLUNG

PROFESSIONAL M4/3 ZOOM

### 10-24MM T2.9 / 20-70MM T2.9

As the first model of product in DZOFILM, Linglung series are the cine zoom lenses which are designed for M4/3, covered both 10-24mm and 20-70mm focal length. Professional, compact and tight, the whole metal structure combine parfocal design with negligible breathing, which boosting your shooting experience.

### **PROFESSIONAL**

Precise Film-grade Mechanical Control Forming "Muscle" for Professional Operation.



### PARFOCAL DESIGN

No matter from close-up to wide shot, Or rapidly zoom out to long shot, Under parfocal design, focus keeps unchanged all the way along.





### MINIMADL BREATHING

Near-zero breathing, which allowing for decent expression through images.

DZOFILM Linglung provides users with a high standard and a better experience of lens.

### ELABORATE OPTICAL DESIGN

Smooth and creamy bokeh with clear layer and natural transition 12-pieces blade design generates elegant and round image.

Neutral and natural style objectively reflects the true color of lens.

FOCAL LENGTH	10-24 mm	20-70 mm			
COLOUR	Bla	ck			
MOUNT	M4	43			
T-STOP	T2.9-	-T22			
IMAGE CIRCLE	φ21.6mr	m(M43)			
OPTICAL CONSTRUCTION	17 Elements in 14 Groups	16 Elements in 12 Groups			
FLANGE DISTANCE	19.2mm±	ŧ0.3mm			
CLOSE FOCUS (FROM SENSOR PLANE)	0.61m/2ft	0.79m/2ft7in			
ZOOM RATIO 82- 20-70	2.4X	3.5X			
IRIS CONTROL daylay	55°	72°			
FOCUS CONTROL	270	0°			
ZOOM CONTROL	100	0°			
FRONT DIA.	φ80mn	n/3.15"			
LENGTH	148.9mm/5.86"	153.3mm/6.04"			
IRIS BLADE	12	2			
FILTER SIZE	/	77mm			
GEAR PITCH	0.8 Mod				
MATERIAL	Aluminum Alloy				
WEIGHT	≈150	00g			



### INCREASES THE FOCAL LENGTH AND MAGNIFIES THE IMAGE CIRCLE BY 1.6X

Converts Super 35 Pictor Zoom lenses to cover Full Frame or Vista Vision. Multiplies focal length by 1.6x with only 1.5 stops light loss.

PL-E/RF/L/LPL/PL



### RETAINS OUTSTANDING OPTICAL PERFORMANCE AND OPERABILITY

Maintains superb image quality without decreasing resolution. Marlin enables the use of S35 lenses to compatible with FF and Vista Vision cameras, which facilitates the use of lenses for more possibilities.



### A SPECIAL RING ACHIEVES QUICK FLANGE BACK ADJUSTMENT

Minor flange back adjustment through this ring, no need to use shims (Excl. PL-PL, PL-LPL versions). In order to achieve the best image performance, the FBD can be quickly adjusted without removing the lens and camera.

LENS MOUNT	1		PL	1	-1	
CAMERA LENS MOUNT	PL	LPL	E	RF	L	
MAGNIFICATION		G//-	1.6X			
OPTICAL CONSTRUCTION		5 Eler	ments in 2 Gro	oups		
MATERIAL	Aluminum Alloy					
WEIGHT	≈402.6g	≈450.9g	≈676.6g	≈637.8g	≈636.8g	

### [ COMMON T-STOP CONVERSION ]

T-STOP BEFORE USING EXPANDER	1.3	1.8	2	2.1	2.8	2.9
T-STOP AFTER USING EXPANDER	2.2	3.0	3.4	3.5	4.7	4.9
FUMULA	T-sto	p = Lens wi	de open	T-stop ×2 <sup>1/2</sup>	2x light decrease	d stop

OCTOPUS

**ADAPTER** 



Octopus, a kind of smart creature that catches subjects tightly through their tentacles. Inspired by this, the DZOFILM adapter holds the lens to the camera body tightly as an Octopus does and keeps it secure during use.





or wiggling when mounted on adapter, no adjustments required.





### SOLID, COMPACT AND RELIABLE

Aluminum-alloy components for weight reduction. Stainless steel construction prevents any physical changes due to temperature fluctuations.



### STRENGTHENED SUPPORT

1/4 Screw Support Design, change the center of gravity from lens mount to adapters. Pure mechanics guarantees durability and stability without performance degradation.

### [ PARAMETER ]

COLOUR				ВІ	ack	'U'		
LENS MOUNT			PL	60	101		EF	
CAMERA LENS MOUNT	RF	E	X	L	DX	RF	E	L
MATERIAL	Aluminum Alloy							
WEIGHT	≈352g	≈390g	≈403g	≈354g	≈512g	≈26 <b>1</b> g	≈299g	≈259g



## CATTA COIN PLUG-IN FILTER

ND SET BLACK MIST SET ARTISTIC SET

### HIGH-QUALITY DZOFILM DOUBLE-SIDED NANO COATING

DZOFILM double-sided nano coating reduces reflection and flaring.

Coating material: PVD Anti-Fingerprint tablet. The active ingredient is evaporated





### **COMPACT & PORTABLE**

Rear plug-in filters not only allow users to change ND / star / streak / black mist filter freely, but also add fun in making films.





### A RELIABLE COMPANION WITH CATTA ZOOM

Original rear filter design, maintains original clean images without flaring or ghosting.

NAME	ND Set	Black Mist Set	Artistic Set
SPECIFICATION	ND 0.6 ND 0.9 ND 1.2	Black Mist 1/4 Black Mist 1/8	Blue Streak Yellow Streak Rainbow Streak Rainbow Starlight

# HOOP FILTER PLUG-IN FILTER

### **ENGAGING & VARIABLE**

STANDARD SET:

ND 4 / ND 8 / ND 16 / L365 UV

ARTISTIC SET:

Black Mist 1/4 / Streak Filter (Blue) /

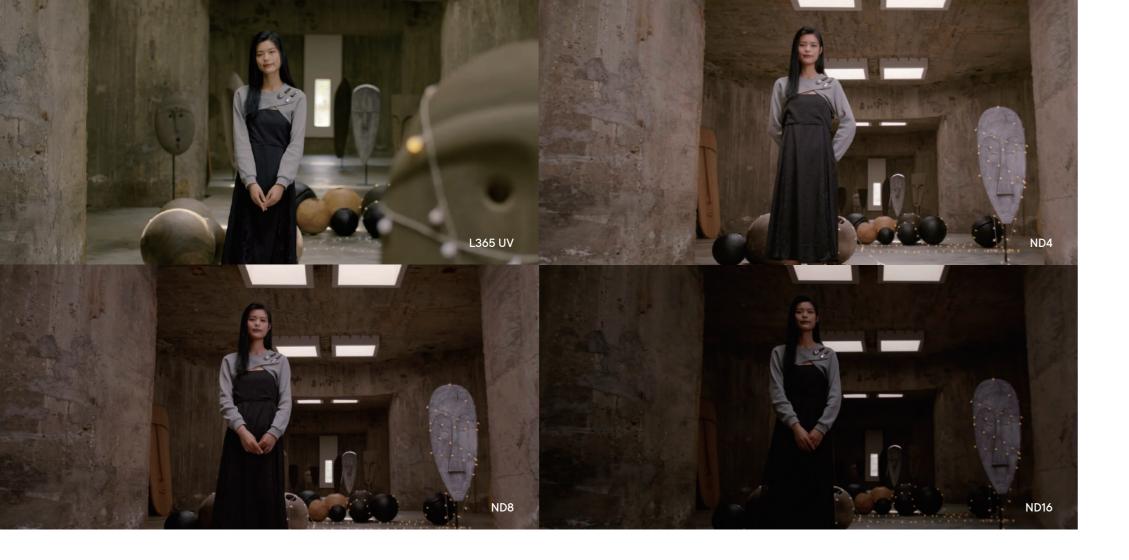
DIY Bokeh Filter

No change to weight center and image quality. Original filter design brings

Detachable & Magnetic Rear Filters.

protection to lens rear and also creates stylized image.

FOR VESPIO PRIME & CATTA ACE ( PL MOUNT ) LENSES



### L365 UV

Protective barrier for rear element, effectively reduces dust, moisture and scratches. Absorbs UV light and reduces bluish cast of daylight. Diminish the damage from sunlight to sensors. Nano multi-coating prevents loss of light.

### ND4 | ND8 | ND16

Control exposure and depth-of-field under various lighting conditions with three degree of ND(4/8/16). Meticulous machining contributes the consistency on filters. Enable even exposure in unbalanced lighting conditions.

#### **BLACK MIST 1/4**

Reserve more shadow details while softening the light.

#### STREAK FILTER ( BLUE )

Flexible and controllable, just for your creative filming. Long blue anamorphic streak effect simulated in strong light. Boost the technical sense on the image.

#### DIY BOKEH FILTER

Unlock the game of Vespid Prime and Catta Ace Zoom (PL mount), and free your creativity. DIY Bokeh, adding flares, lower the sharpness...

Magnetic filter frame+ Bokeh Filter, the secret to unique bokeh. Start with D logo, Star, Lighting, Heart and Question Mark filters in the package.



NAME	Standard Set	Artistic Set
SPECIFICATION	ND 4 ND 8 ND 16 L365UV	Blue Streak Black Mist 1/4 DIY Bokeh Filter

2023 DESIGN PRODUCT MANUAL

### **DZOFILM**



www.dzofilm.com