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22X SUPER-MOTORIZED AUTO FOCUS ZOOM LENS

TM22Z1022GAIDCPN-iAF f = 10-220mm F2.2 AUTO FOCUS GALVANO DC IRIS, Preset

SPECIFICATION

MODEL NUMBER		TM22Z1022GAIDCPN-iAF		
	IRIS	DC IRIS (Galvano)		
OPERATION	FOCUS	MORTORIZED · PRESET		
	ZOOM	MORTORIZED · PF	RESET	
FOCAL LENGTH		10-220mm		
IMAGE FORMAT		1/2"		
APERTURE RANGE		F2.2-360		
	DIAGONAL	W41.99°	T2.17°	
ANGLE OF	HORIZONTAL	W34.12°	T1.74°	
VIEW	VERTICAL	W25.90°	T1.31°	
M.O.D.		1.8m		
FILTER SIZE		M67.0mm P=0.75		
DIMENSIONS		W80.0×H121.0×L158.7mm		
WEIGHT		APPROX 1250g		
OPERATING TEMPERATURE RANGE		-10°C - 45°C		
MOUNT		С		

FOCUS/ZOOM

	FOCUS	ZOOM	2X EXTENDER
INPUT VOLTAGE	DC6V~DC12V		
CURRENT CONSUMPTION	40mAOR LESS	50mAOR LESS	40mAOR LESS
MOTORIZATION SPEED(12V)	APPROX.6 SEC.	APPROX.4 SEC.	APPROX.2 SEC.

AUTO FOCUS

7.6.6.6.666			
INPUT VOLTAGE	DC12 ± 0.5V TBR mA		
INPUT SIGNAL	VBS OR CVBS SIGNAL (NTSC or PAL)		
CURRENT CONSUMPTION	IN AF WORKING: 300mA OR LESS, IN AF NOT WORKING: 140mA OR LESS		
	AF ON:Low/0V, AF OFF:High/2-12V		
AF ON/OFF	AF ON < or =1Sec: TEMPORARY AUTO FOCUS		
	AF ON > 1Sec: CONSTANT AUTO FOCUS		
OUTPUT OF AF CONDITION	AF DRIVE:Low/0V, AF STOP: OPEN COLLECTOR		

TEMPORARY AUTO FOCUS:

AF becomes OFF(High/2-12V) after focusing by auto focus function. When the time of AF ON (Low/0V) inpu If the focusing is not completed within one certain time: 15 seconds,

by a controller is 1 second or less,

the focusing work is automatically stopped. (AF becomes OFF.) If AF ON is input by the controller for 1 second or less again before completing the focusing, the focusing work is stopped.

(AF becomes OFF.)

CONSTANT AUTO FOCUS:

AF is remained ON (Low/0V) till AF is back to OFF(High/2-12V)

The time of AF ON (Low/0V) input by a controller.

by a controller is more than 1 second,

AF does not become OFF(High/2-12V) even though focusing

by auto focus function is completed.

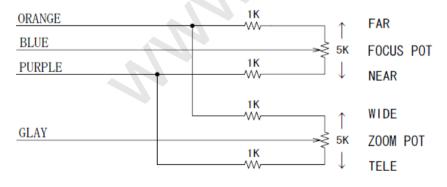


WIRING

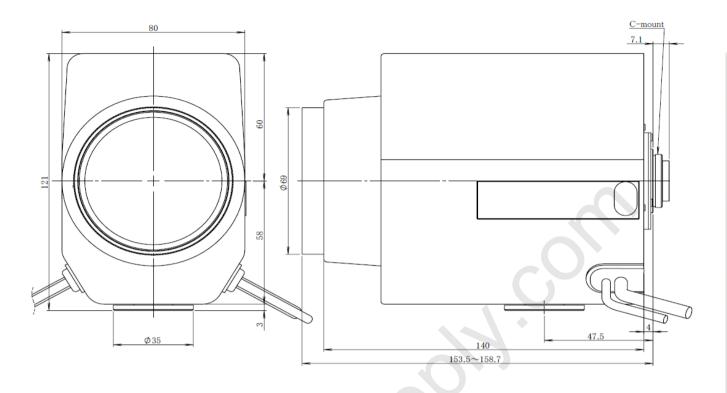
SED	IRIS CABLE					
SEED DAMPING COIL- 1	GALVANO AUTO IF	RIS (DC)				
A PIN CONNECTOR	CABLE COLOR	CONNECTION	PIN No		DC IRIS LENS	
DRIVING COIL- 4	RED	DAMPING COIL-	1	43	CONNECTOR	
DRIVING COIL- 4	BLACK	DAMPING COIL+	2		4 PIN CONNECTOR	
CABLE COCUS/ZOOM/BUILT-IN x2 EXTENDER	WHITE	DRIVING COIL+	3	2 1	JEITA E4-191J-100:	
COCUS/ZOOM/BUILT-IN x2 EXTENDER CABLE COLOR PIN NO POLARITY DIRECTION	GREEN	DRIVING COIL-	4			
COCUS/ZOOM/BUILT-IN x2 EXTENDER CABLE COLOR PIN NO POLARITY DIRECTION						
FOCUS	DIRVE CABLE					
No1 BLACK	FOCUS/ZOOM/BUI	LT-IN x2 EXTENDE	R			
No2 RED 2		CABLE COLOR	PIN NO	POLARITY	DIRECTION	
ZOOM	FOCUS	No1 BLACK	1	+	INF.	
No4 GREEN		No2 RED		+	NEAR	
5 FOCUS POT.WIRE No6 BLUE 6 POT SUPPLY Resistance 5KΩ FOOM POT.WIRE No7 GRAY 7 POT SUPPLY (±5%) 1W FOWER (DC5V) IS SUPPLIED FROM INSIDE OF LENS BODY - 8 AF ON/OFF Brown 9 OUTPUT OF AF CONDITION NC WHITE/ BLACK 10 NC WHITE/ GREEN 11 NC WHITE/ FRED 13 EXTENDER LIGHT GREEN 14 EENERAL GROUND PURPLE 15 NUTO FOCUS POWER CABLE CABLE COLOR CONNECTION RED* POWER(DC12±0.5V) BLACK* GENERAL GROUND	ZOOM			+	TELE	
COCUS POT.WIRE No6 BLUE 6 POT SUPPLY Resistance 5KΩ ZOOM POT.WIRE No7 GRAY 7 POT SUPPLY (±5%) 1W POWER (DC5V) IS SUPPLIED FROM INSIDE OF LENS BODY - 8 - - 8 - <		No4 GREEN		+	WIDE	
Topology Topology		-	5			
POWER (DC5V) IS SUPPLIED FROM INSIDE OF LENS BODY -	FOCUS POT.WIRE	No6 BLUE	6	POT SUPPLY	Resistance 5KΩ	
- 8	ZOOM POT.WIRE	No7 GRAY	7	POT SUPPLY	(±5%) 1W	
AF ON/OFF Brown 9 OUTPUT OF AF CONDITION WHITE/ BLACK 10 NC WHITE/ GREEN 11 NC WHITE/ YELLOW 12 BUILT-IN x2 WHITE/ RED 13 EXTENDER LIGHT GREEN 14 SENERAL GROUND PURPLE 15 AUTO FOCUS POWER CABLE CABLE COLOR CONNECTION RED* POWER(DC12±0.5V) BLACK* GENERAL GROUND	*POWER (DC5V) I	S SUPPLIED FROM	I INSIDE OF LENS BODY			
OUTPUT OF AF CONDITION WHITE/ BLACK 10 NC WHITE/ GREEN 11 NC WHITE/ YELLOW 12 BUILT-IN x2 EXTENDER WHITE/ RED 13 EXTENDER LIGHT GREEN 14 SENERAL GROUND PURPLE 15 AUTO FOCUS POWER CABLE CONNECTION CABLE COLOR CONNECTION RED* POWER (DC12±0.5V) BLACK* GENERAL GROUND		-	8			
AF CONDITION WHITE/ BLACK 10 NC WHITE/ GREEN 11 NC WHITE/ YELLOW 12 BUILT-IN x2 EXTENDER LIGHT GREEN 14 SENERAL GROUND PURPLE 15 AUTO FOCUS POWER CABLE CABLE COLOR CONNECTION RED* POWER(DC12±0.5V) BLACK* GENERAL GROUND	AF ON/OFF	Brown	9			
NC WHITE/YELLOW 12 BUILT-IN x2 EXTENDER WHITE/RED 13 LIGHT GREEN 14 SENERAL GROUND PURPLE 15 AUTO FOCUS POWER CABLE CABLE COLOR CONNECTION RED* POWER(DC12±0.5V) BLACK* GENERAL GROUND		WHITE/ BLACK	10			
BUILT-IN x2	NC	WHITE/ GREEN	11			
EXTENDER LIGHT GREEN 14 SENERAL GROUND PURPLE 15 AUTO FOCUS POWER CABLE CABLE COLOR CONNECTION RED* POWER(DC12±0.5V) BLACK* GENERAL GROUND	NC	WHITE/ YELLOW	12			
EXTENDER LIGHT GREEN 14 SENERAL GROUND PURPLE 15 AUTO FOCUS POWER CABLE CABLE COLOR CONNECTION RED* POWER(DC12±0.5V) BLACK* GENERAL GROUND	BUILT-IN x2	WHITE/ RED	13	DC6 1	2\/ 40m \	
CABLE COLOR CONNECTION RED* POWER(DC12±0.5V) BLACK* GENERAL GROUND	EXTENDER	LIGHT GREEN	14	DC6-17	2 V 40111A	
CABLE COLOR CONNECTION RED* POWER(DC12±0.5V) BLACK* GENERAL GROUND	GENERAL GROUND	PURPLE	15			
RED* POWER(DC12±0.5V) BLACK* GENERAL GROUND	AUTO FOCUS POV	VER CABLE				
RED* POWER(DC12±0.5V) BLACK* GENERAL GROUND	CABLE COLOR		CONNECTION			
		Р	OWER(DC12±0.5V)			
THIS TWO CABLES ARE CONNECTED ON 2PIN CONNECTOR: HIROSE HR-10A-7R-4P	BLACK*	GENERAL GROUND				
	*THIS TWO CABLE	S ARE CONNECT	ED ON 2PIN CONNECTOR: HIRO	SE HR-10A-7R-4P		

PRESET(POTENTIO wiring)

*POWER (DC5V) IS SUPPLIED FROM INSIDE OF LENS BODY



APPEARANCE



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