

Tokina

22X MOTORIZED ZOOM LENS

TM22Z1328AI (GAI) f = 13-280mm F/2.8 VIDEO AUTO IRIS

TM22Z1328AIPN (GAIPN) f = 13-280mm F/2.8 VIDEO AUTO IRIS with Preset

SPECIFICATIONS

MODEL No.	TM22Z1328AI (GAI) / TM22Z1328AIPN (GAIPN)	
IMAGE FORMAT	1/2" inch	
MOUNT	C Mount	
FOCAL LENGTH	13 - 280mm	
APERTURE	F1 : 2.8	
APERTURE RANGE	F2.8 - 360	
ANGLE OF VIEW () = 1/3"	DIAGONAL	W33.03° - T1.68° (W25.14° - T1.27°)
	HORIZONTAL	W26.76° - T1.37° (W20.23° - T1.02°)
	VERTICAL	W20.23° - T1.02° (W15.24° - T0.77°)
M. O. D.	1.8m	
BACK FOCAL LENGTH	11.0mm	
FILTER SIZE	M67mm P=0.75	
DIMENSIONS(mm)	W80.0 X H101.0 X L168.7mm	
WEIGHT	800g	
OPERATING TEMPERATURE	-20°C ~ 60°C	

• VIDEO AUTO IRIS

INPUT VOLTAGE	DC+8V ~ +16V
CURRENT CONSUMPTION	Less than 30mA
INPUT SIGNAL	VS or V Signal
IRIS ACCURACY	±15% (Video Signal Level)
SENSITIVITY	0.5~1.0Vp-p (Video Signal)
RESPONSE SPEED	Approx. 2 Seconds

• FOCUS / ZOOM

INPUT VOLTAGE	DC+6 ~ +12V
CURRENT CONSUMPTION	Less than 60mA
MOTORIZATION SPEED	Approx. 4.5 Seconds

CABLE CONNECTIONS

■ VIDEO AUTO IRIS (4-wire shield cable)

CABLE COLOR	CONNECTION
RED	Power (DC+8 ~ +16V)
WHITE	VS or V Signal
GREEN	Not Used
BLACK	Ground

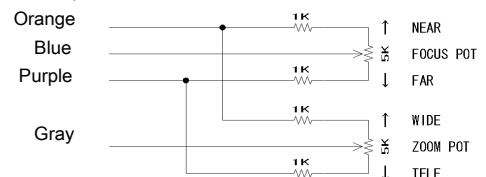
■ ZOOM / FOCUS

CONTROL	CABLE COLOR	POLARITY	DIRECTION
ZOOM	GREEN	+ (-)	Wide (Tele)
	WHITE	- (+)	
FOCUS	BLACK	+ (-)	Inf. (Near)
	RED	- (+)	

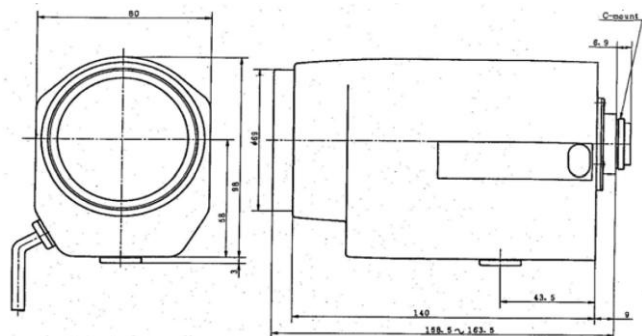
■ POTENTIOMETER-PRESET (TM22Z1328AIPN (GAIPN) Only)

CABLE COLOR	CONNECTION
ORANGE	Pot. Supply
BLUE	Focus Pot. Wiper
PURPLE	Pot. Return
GRAY	Zoom Pot. Wiper

Wiring details for potentiometer-preset



APPERANCE



*Design and specifications are subject to change without notice.