

Tokina

MOTORIZED ZOOM LENS

TM22Z1022AI (GAI) f = 10-220mm F/2.2 VIDEO AUTO IRIS

TM22Z1022AIPN (GAIPN) f = 10-220mm F/2.2 VIDEO AUTO IRIS with Preset

SPECIFICATIONS

MODEL No.		TM22Z1022AI (GAI) / TM22Z1022AIPN (GAIPN)
IMAGE FORMAT		1/2"
MOUNT		C-Mount
FOCAL LENGTH		10 - 220mm
APERTURE		F1 : 2.2
APERTURE RANGE		F2.2 - 360
ANGLE OF VIEW () = 1/3"	DIAGONAL	W41.99° - T2.17° (W32.11° - T1.64°)
	HORIZONTAL	W34.14° - T1.74° (W25.90° - T1.31°)
	VERTICAL	W25.90° - T1.31° (W19.53° - T0.99°)
M. O. D.		1.8m
BACK FOCAL LENGTH		11.0mm
FILTER SIZE		M67mm P=0.75
DIMENSIONS(mm)		W80.0 X H101.0 X L158.7mm
WEIGHT		800g

• VIDEO AUTO IRIS

INPUT VOLTAGE	DC+8V ~ +16V
CURRENT CONSUMPTION	Less than 35mA
INPUT SIGNAL	VS or V Signal
IRIS ACCURACY	±15% (Video Signal Level)
SENSITIVITY	0.5~1.0Vp-p (Video Signal)
RESPONSE SPEED	Approx. 1.5 Seconds

• FOCUS / ZOOM

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

CABLE CONNECTION

■ 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

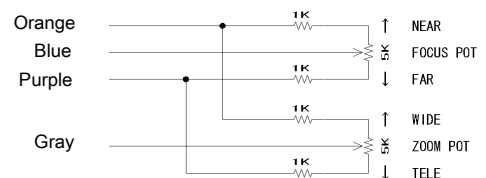
■ ZOOM / FOCUS

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

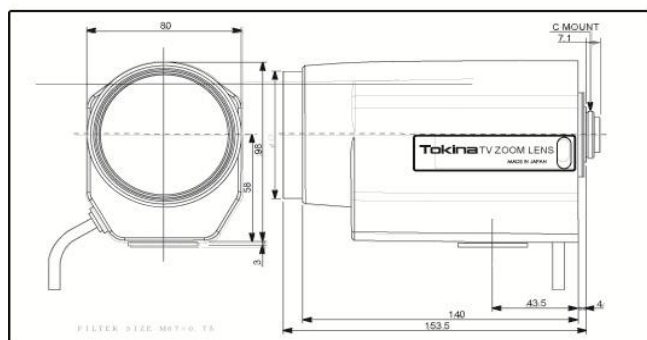
■ POTENTIOMETER-PRESET (TM22Z1022AIPN (GAIPN) Only)

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.