

Tokina

18X MOTORIZED ZOOM LENS (IR Compatible)

TM18Z8625N-IR f = 8.6 - 154mm F/2.5 3-Motors

TM18Z8625NPN-IR f = 8.6 - 154mm F/2.5 3-Motors with Preset

SPECIFICATIONS

MODEL No.	TM18Z8625N-IR / TM18Z8625NPN-IR	
IMAGE FORMAT	1/2"	
MOUNT	C	
FOCAL LENGTH	8.6 - 154.0mm	
APERTURE	F1 : 2.5	
APERTURE RANGE	F2.5 - 360	
ANGLE OF VIEW	DIAGONAL	W48.9° - T3.0°
	HORIZONTAL	W40.6° - T2.4°
	VERTICAL	W30.8° - T1.8°
M. O. D.	2.0m	
BACK FOCAL LENGTH	14.2mm	
FILTER SIZE	M62mm P=0.75	
DIMENSIONS(mm)	W75.5 x H66.0 x L154.5mm	
WEIGHT	760g / 770g	
OPERATING TEMPERATURE	-10°C ~ +50°C	
CONTROLS	IRIS: Motorized, FOCUS: Motorized, ZOOM: Motorized	

■ IRIS/ZOOM/FOCUS Controls

	IRIS	ZOOM	FOCUS
INPUT VOLTAGE	DC+8V ~ +16V	DC+8V ~ +12V	DC+8V ~ +12V
CURRENT CONSUMPTION	Max. 40mA	Max. 80mA	Max. 80mA
MOTORIZATION SPEED	Approx. 3 sec.	Approx. 4 - 7 sec.(*)	Approx. 4 - 7 sec. (*)

Note: (*) are adjustable by volume on the lens unit

CABLE CONNECTIONS

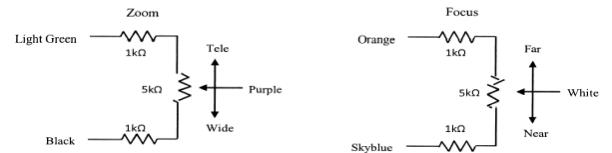
■ IRIS/ZOOM/FOCUS

CONTROLS	CABLE COLOR	POLARITY	DIRECTION
IRIS	GREEN	+ (-)	Open (Close)
	BROWN	- (+)	
ZOOM	RED	+ (-)	Wide (Tele)
	GRAY	- (+)	
FOCUS	BLUE	+ (-)	Inf. (Near)
	YELLOW	- (+)	

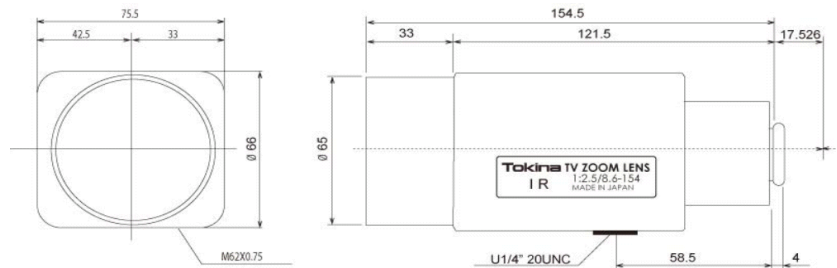
■ POTENTIOMETER-PRESET (TM18Z8625NPN-IR Only)

CONTROLS	CABLE COLOR	CONNECTION
ZOOM	Light Green	Pot. Supply
	Purple	Zoom Pot. Wiper
	Black	GND
FOCUS	Orange	Pot. Supply
	White	Focus Pot. Wiper
	Light Blue	GND

Wiring details for potentiometer-preset



APPEARANCE



*Design and specifications are subject to change without notice.