Tokina

18X MOTORIZED ZOOM LENS (IR Compatoble)

TM18Z8625AI-IR f = 8.6 - 154mm F/2.5 Video Auto Iris

TM18Z8625AIPN-IR f = 8.6 - 154mm F/2.5 Video Auto Iris with Preset

SPECIFICATIONS

MODEL No.		TM18Z8625AI-IR / TM18Z8625AIPN-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		770g / 780g
OPERATING TEMPERATURE		-10°C ~ +50°C
CONTROLS		IRIS: Video Auto, FOCUS: Motorized, ZOOM: Motorized

• VIDEO AUTO IRIS

INPUT VOLTAGE	DC+8.5V ~ +16V
CURRENT CONSUMPTION	Max. 40mA
INPUT SIGNAL	VS or V Signal
IRIS ACCURACY	±15% (Video Signal Level)
SENSITIVITY	0.5~1.0Vp-p (Video Signal)
RESPONSE SPEED	Approx. 3 Seconds

• FOCUS / ZOOM

INPUT VOLTAGE	DC+8V ~ +12V
CURRENT CONSUMPTION	Max. 80mA
MOTORIZATION SPEED	4 ~ 7 Sec. (Adjustable)

CABLE CONNECTIONS

■ VIDEO AUTO IRIS (4-Wire shield cable)

CABLE COLOR	CONNECTION
RED	Power (DC+8.5V ~ +16V)
WHITE	VS or V Signal
GREEN	Not Used
BLACK	Ground

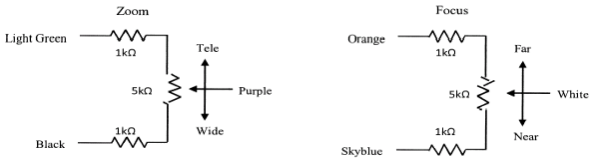
■ ZOOM / FOCUS

CONTROL	CABLE COLOR	POLARITY	DIRECTION
ZOOM	RED	+ (-)	Wide (Tele)
	GRAY	- (+)	
FOCUS	BLUE	+ (-)	Inf. (Near)
	YELLOW	- (+)	

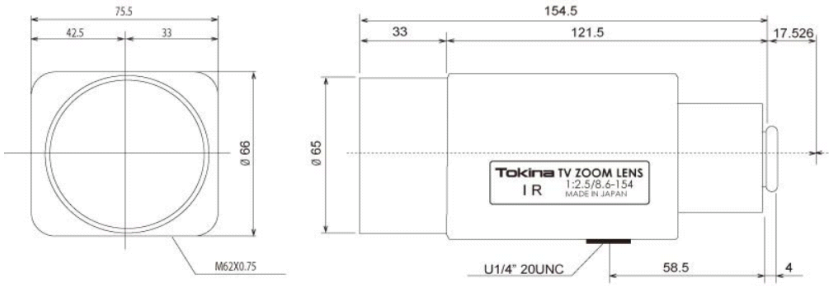
■ POTENTIOMETER-PRESET (TM18Z8625AIPN-IR Only)

CONTROL	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



APPERANCE



*Design and specifications are subject to change without notice.

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