

Tokina

10X MOTORIZED ZOOM LENS (IR Compatible)

TM10Z8515AI-IR f = 8.5 - 85mm F/1.5 Video Auto Iris

TM10Z8515AIPN-IR f = 8.5 - 85mm F/1.5 Video Auto Iris with Preset

SPECIFICATIONS

MODEL No.	TM10Z8515AI-IR / TM10Z8515AIPN-IR	
IMAGE FORMAT	1/2"	
MOUNT	C	
FOCAL LENGTH	8.5 - 85.0mm	
APERTURE	F1 : 1.5	
APERTURE RANGE	F1.5 - 360	
ANGLE OF VIEW	DIAGONAL	W53.7° - T5.4°
	HORIZONTAL	W41.5° - T4.3°
	VERTICAL	W31.3° - T3.3°
M. O. D.	1.5m	
BACK FOCAL LENGTH	14.65mm	
FILTER SIZE	M62mm P=0.75	
DIMENSIONS(mm)	W75.5 x H66.0 x L134.8mm	
WEIGHT	690g / 700g	
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 ~ +16V)
WHITE	VS or V Signal
GREEN	Not Used
BLACK	Ground

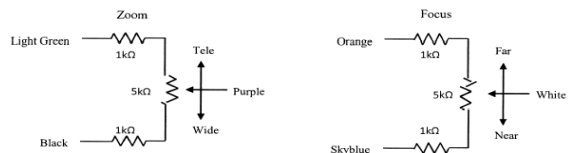
■ ZOOM / FOCUS

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

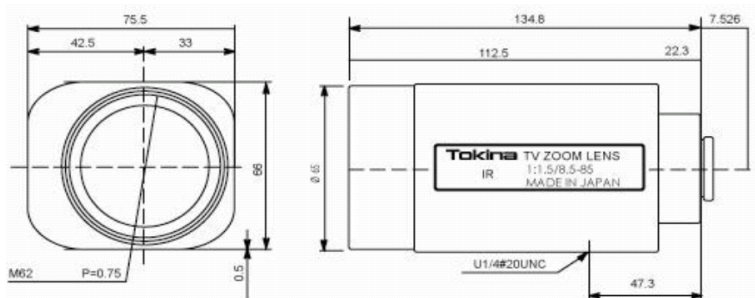
• POTENTIOMETER-PRESET (TM10Z8515AIPN-IR Only)

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



APPEARANCE



*Design and specifications are subject to change without notice.