Tokina

10X MOTORIZED ZOOM LENS (IR Compatoble)

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

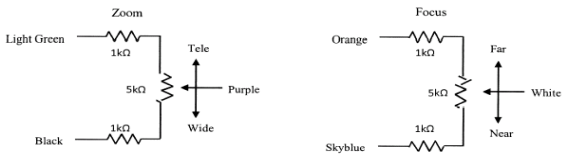
■ ZOOM / FOCUS

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

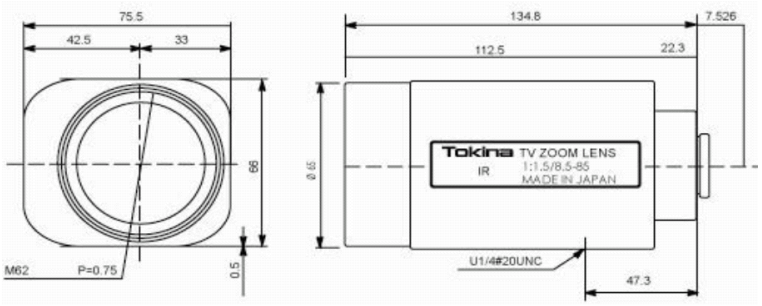
• POTENTIOMETER-PRESET (TM10Z8515AIPN-IR Only)

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



APPERANCE



*Design and specifications are subjuct to change without notice.

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10X MOTORIZED ZOOM LENS (IR Compatoble)

TM10Z8515N-IR f = 8.5 - 85mm F/1.5 3-Motors

TM10Z8515NPN-IR f = 8.5 - 85mm F/1.5 3-Motors with Preset

SPECIFICATIONS

MODEL No.		TM10Z8515N-IR / TM10Z8515NPN-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: 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

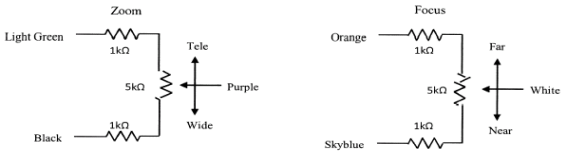
■ **IRIS/ZOOM/FOCUS**

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

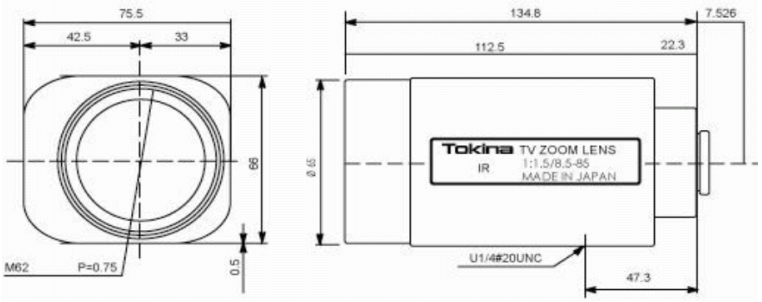
• **POTENTIOMETER-PRESET** (TM10Z8515NPN-IR Only)

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



APPERANCE



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