

Tokina

30X MOTORIZED ZOOM LENS (IR Compatible)

TM30Z1028GAI-IR f = 10-300mm F/2.8 VIDEO AUTO IRIS
TM30Z1028GAIPN-IR f = 10-300mm F/2.8 VIDEO AUTO IRIS With Preset

SPECIFICATION

MODEL NUMBER	TM30Z1028GAI-IR / TM30Z1028GAIPN-IR	
IMAGE FORMAT	1/2inch	
FOCAL LENGTH	10-300mm	
MAXIMUM APERTURE	F1 : 2.8	
APERTURE RATIO	F1:2.8 - 360	
M.O.D.	3m	
ANGLE OF VIEW	HORIZONTAL	W35.5° - T1.2° (W27.0° - T0.9°)
() = 1/3"	VERTICAL	W27.0° - T0.9° (W20.4° - T0.7°)
FILTER SIZE	M77mm, P=0.75	
BACK FOCAL LENGTH	43.27mm	
DIMENSIONS	W105 x H92 x L218.5mm	
WEIGHT	1.6Kg	
OPERATING TEMPERATURE	-10°C ~ 60°C	
MOUNT	C	

Electrical

VIDEO AUTO IRIS	INPUT VOLTAGE	DC+8 ~ +16V
	CURRENT CONSUMPTION	30mA or Less
	INPUT SIGNAL	VS or V Signal
	IRIS ACCURACY	±15% at Video Signal Level
	SENSITIVITY	0.5 ~ 1.0Vp-p
	RESPONSE SPEED	Approx. 4 Sec.

FOCUS	INPUT VOLTAGE	DC+6 ~ +12V
	CURRENT CONSUMPTION	60mA or Less
	MOTORIZATION SPEED	9.5 Seconds (8V)

ZOOM	INPUT VOLTAGE	DC+6 ~ +12V
	CURRENT CONSUMPTION	80mA or Less
	MOTORIZATION SPEED	5 Seconds (6V)

CABLE CONNECTIONS

• VIDEO AUTO IRIS

CABLE COLOR	CONNECTION
Red	Power (DC8V-16V)
White	VS or V Signal
Green	Not Used
Black	GND

• FOCUS

CABLE COLOR	POLARITY	DIRECTION
Black	+ (-)	Inf. (Near)
Green	- (+)	

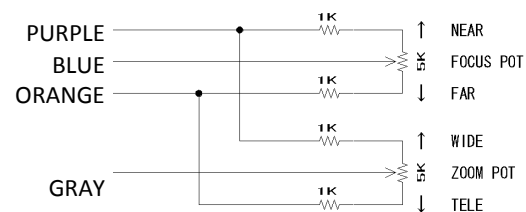
• ZOOM

CABLE COLOR	POLARITY	DIRECTION
Red	+ (-)	Wide (Tele)
Yellow	- (+)	

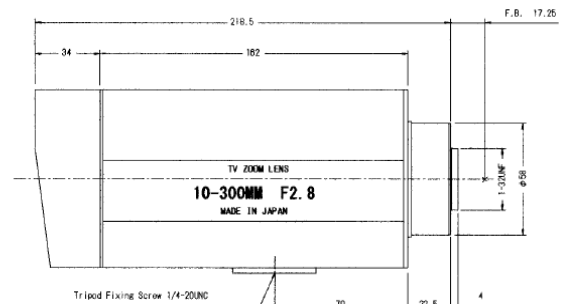
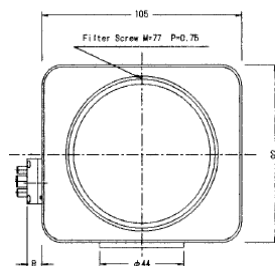
• POTENTIOMETER-PRESET (TM30Z1028GAIPN-IR Only)

CABLE COLOR	CONNECTION
Purple	Pot. Supply
Gray	Zoom Pot. Wiper
Orange	Pot. Return
Blue	Focus Pot Wiper

Wiring details for potentiometer-preset



APPEARANCE



* Design and Specifications are subject to change without notice.