

Tokina

55X SUPER-MOTORIZED ZOOM LENS

TM55Z1038N	f=10-550mm F3.8 3-Motors
TM55Z1038NPN	f=10-550mm F3.8 3-Motors with Preset (Focus/Zoom)

SPECIFICATIONS

MODEL NUMBER		TM55Z1038N / TM55Z1038NPN
IMAGE FORMAT		1/2inch
MOUNT		C
FOCAL LENGTH		10-550mm
MAXIMUM APERTURE		F1 : 3.8
APERTURE RANGE		F1:3.8-Close
M.O.D.		5.0m
ANGLE OF VIEW () = 1/3"	DIAGONAL	W42.66° - T0.86° (W32.63° - T0.64°)
	HORIZONTAL	W34.57° - T0.69° (W26.33° - T0.52°)
	VERTICAL	W26.33° - T0.52° (W19.83° - T0.39°)
FILTER SIZE		M95.0mm P=1.0
BACK FOCAL LENGTH		47.37mm
DIMENSIONS		W132.0 × H120.5 × L298.5mm
WEIGHT		4.07kg
OPERATING TEMPERATURE		-10°C ~ +50°C
OPERATING HUMIDITY		RH90% at 40°C

Electrical	IRIS	FOCUS	ZOOM
INPUT VOLTAGE	+6 ~ +12VDC	+6 ~ +12VDC	+6 ~ +12VDC
CURRENT CONSUMPTION	Less than 30mA	Less than 40mA	Less than 50mA
MOTORIZATION SPEED	Approx. 6 Sec. (6V)	Approx. 13 Sec. (6V)	Approx. 8 Sec. (6V)

CABLE CONNECTIONS

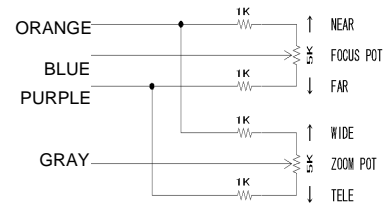
• IRIS / FOCUS / ZOOM

FUNCTIONS	CABLE COLOR	POLARITY	DIRECTIONS
IRIS	Brown	+ (-)	Close (Open)
	Yellow	- (+)	
FOCUS	Black	+ (-)	Inf. (Near)
	Red	- (+)	
ZOOM	Green	+ (-)	Wide (Tele)
	White	- (+)	

• POTENTIO METER-PRESET (TM55Z1038NPN only)

CABLE COLOR	CONNECTION	POTENTIATION RESISTANCE
Orange	Pot. Supply	Focus : 5KΩ (±5%) 1W Zoom : 5KΩ (±5%) 1W
Blue	Focus Pot. Wiper	
Purple	Pot. Return	
Gray	Zoom Pot. Wiper	

Detail of preset cable wiring for focus / zoom



APPEARANCE

