

*Optimum for border patrol units, port facilities,
coast oil fields, highway monitoring, etc.*

SPECIFICATION

Model Number		TM33Z1015AI	TM33Z1015AIPN
Image Format	1/2inch		
Focal Length	10-330mm		
Maximum Aperture	F1:1.5 - 3.8		
Aperture Ratio	F1:1.5 - 560		
M.O.D.	2.9m		
Angle of View (γ)=1/3"	Diagonal	W43.31° (32.87°)	T1.41° (1.06°)
	Horizontal	W34.99° (26.44°)	T1.13° (0.85°)
	Vertical	W26.44° (19.91°)	T0.85° (0.64°)
Filter Size	M105mm P=1.0		
Dimensions	W122 X H125 X L260.5mm		
Weight	3Kg		
Operating Temperature Range	0°C ~ +60°C		
Mount	C		

CABLE CONNECTION

FOCUS

Cable Color	Polarity	Direction
● Black	+	Inf.
● Red	-	
● Black	-	Near
● Red	+	

ZOOM

Cable Color	Polarity	Direction
● Green	+	Wide
○ White	-	
● Green	-	Tele
○ White	+	

AUTO IRIS (VIDEO)

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	Apporox. 4 seconds

AUTO IRIS

Cable Color	Connection
● Red	Power (DC8V-16V)
○ White	VS or V Signal
● Green	Level Remote
● Black	GND

FOCUS

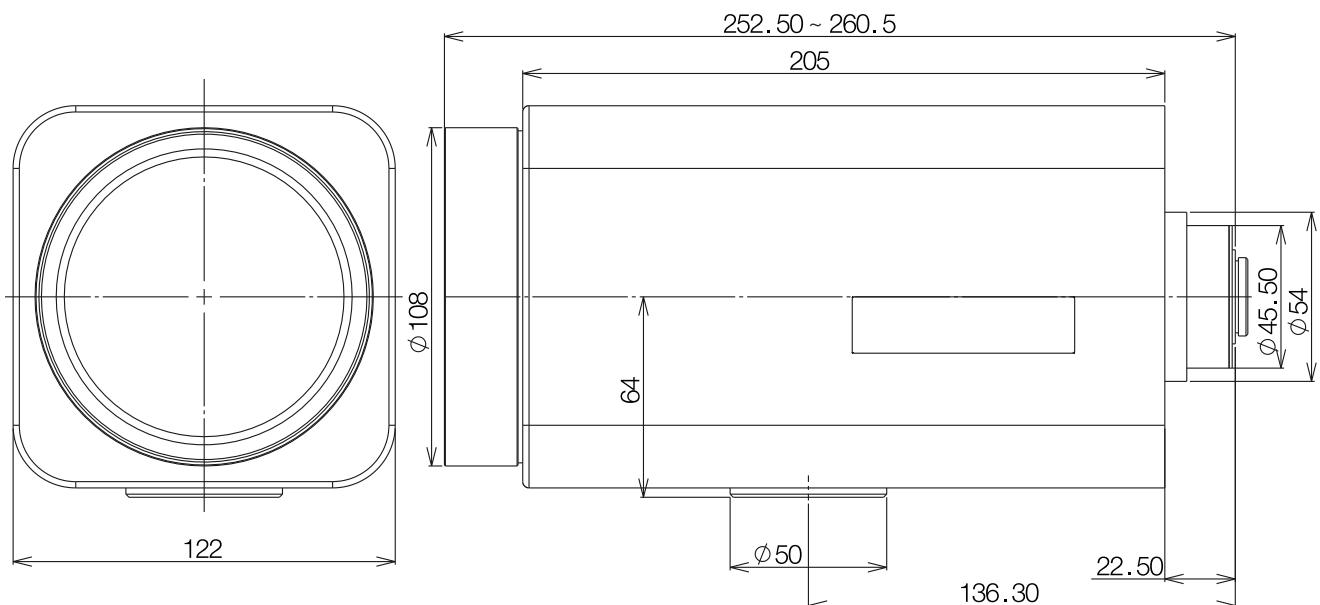
Input Voltage	DC+8V
Current Consumption	60mA or Less
Motorization Speed	Apporox. 9.5 Seconds

POTENTIAL METER-PRESET

Cable Color	Connection
● Orange	POT.SUPPLY
● Gray	ZOOM POT.WIPER
● Purple	POT.RETURN
● Blue	FOCUS POT.WIPER

ZOOM

Input Voltage	DC+8V
Current Consumption	80mA or Less
Motorization Speed	5 Seconds



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