

## 33X HD MOTORIZED AUTO FOCUS ZOOM LENS

TM33Z1015HDGAIPN-IAF(RS232C)

1/2" f = 10-330mm F1.5 MP VIDEO IRIS with Preset AUTO FOCUS (RS-232C)

### SPECIFICATION

MODEL NUMBER	TM33Z1015HDGAIPN-IAF(RS232C)		
OPERATION	IRIS	VIDEO IRIS (Galvano) with Manual Override	
	FOCUS	MORTORIZED · PRESET	
	ZOOM	MORTORIZED · PRESET	
IMAGE FORMAT		1/2inch	
FOCAL LENGTH		10-330mm	
APERTURE RANGE		F1:1.5 - 560	
ANGLE OF VIEW	HORIZONTAL	34.99 - 1.13 (1/2")	26.44 - 0.85 (1/3")
	VERTICAL	26.44 - 0.85 (1/2")	19.91 - 0.64 (1/3")
M.O.D.		2.9m	
FILTER SIZE		M105mm P=1.0	
DIMENSIONS		W122.0 X H125.0 X L258.1	
WEIGHT		2.9Kg	
OPERATING TEMPERATURE RANGE		-5°C - 45°C	
MOUNT		C	

### AUTO FOCUS POWER

INPUT VOLTAGE	DC12 ± 0.5V TBR mA
CURRENT CONSUMPTION	IN AF WORKING: 300mA OR LESS, IN AF NOT WORKING: 140mA OR LESS

### INPUT VIDEO SIGNAL

INPUT SIGNAL	VBS OR CVBS SIGNAL (NTSC or PAL)
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### WIRING

#### IRIS CABLE

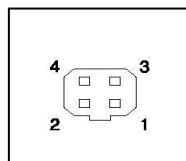
GALVANO AUTO IRIS(VIDEO)

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	APPROX.4 SEC.

#### IRIS CABLE

GALVANO AUTO IRIS (DC)

CABLE COLOR	CONNECTION	PIN No
RED	DAMPING COIL-	1
BLACK	DAMPING COIL+	2
WHITE	DRIVING COIL+	3
GREEN	DRIVING COIL-	4



●DC IRIS LENS CONNECTOR  
4 PIN CONNECTOR  
JEITA E4-191J-100:

#### DIRVE CABLE

RS-232C 9PIN · D-sub Wiring arrangement

PIN 2	RxD (Receive)
PIN 3	TxD (Transmit)
PIN 5	GND

Baudrate	9600bbs
Data length	8bit
Stop bit	1bit
Parity	No setting
Flow control	No setting

●RS-232C Cable connector:E9-403N-150/Technical Electronics (D-sub 9pin #4-40 Male)

#### AUTO FOCUS POWER CABLE

CABLE COLOR	CONNECTION	PIN No
RED*	POWER(DC12±0.5V)	1
NC	NC	2
BLACK*	GENERAL GROUND	3
NC	NC	4

●Auto focus power cable connector::D4-760J-100/Technical Electronics (4pin lock type male)

\*Gross length of cable should be within 10m.

CONTROL SPECIFICATION

Focus control                      Speed: Designated 5steps variable  
Trigger operation / go on focusing at designated speed for designated direction.  
Position operation / Focus at designated speed and stop at designated position.  
Stop focusing  
Auto Focus / Start, Stop, Designation mode (TEMPORARY AUTO FOCUS／CONSTANT AUTO FOCUS)

Zoom control                      Speed: Designated 5steps variable  
Trigger operation / go on focusing at designated speed for designated direction.  
Position operation / Focus at designated speed and stop at designated position.  
Stop zooming

RS-232C Control                connector                                :E9-403N-150／Technical Electronics (D-sub 9pin #4-40 Male)

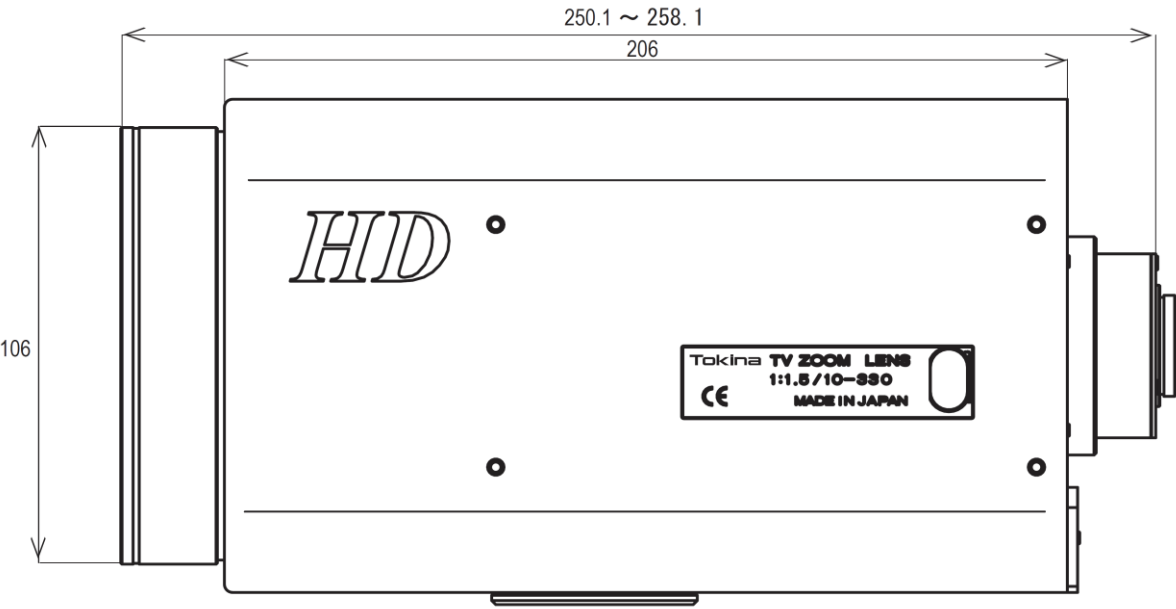
RS-232C 9PIN・ D-sub Wiring arrangement

PIN 2	RxD (Receive)
PIN 3	TxD (Transport)
PIN 5	GND

#Use RS-232C cross cable when connecting with PC.  
#Refer the specification of RS-232C control in the following page.  
#Gross length of cable should be within 10m.

EU Regulation:                EN55022(Class A)  
EN50130-4

APPEARANCE



2011.06 Kenko Tokina

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE