

SPECIFICATION

USE	1" ($\phi 16$ mm)					
FOCAL LENGTH	f=25~300mm					
IRIS RANGE	F=2.8~61					
BACK FOCAL LENGTH	41.9 mm in air					
IMAGE SIZE	12.8x9.6mm ($\phi 16$)		5.4x7.2mm ($\phi 9$)		4.8x6.4mm ($\phi 8$)	
FIELD ANGLE	DIA.	(w) 35.8° (T) 3.1°	(w) 20.4° (T) 1.8°	(w) 24.8° (T) 2.1°		
	HOR.	(w) 28.6° (T) 2.5°	(w) 16.4° (T) 1.4°	(w) 19.9° (T) 1.7°		
	VER.	(w) 21.7° (T) 1.9°	(w) 12.3° (T) 1.1°	(w) 15.0° (T) 1.3°		
FIELD OF VIEW AT M.O.D	DIA.	(w) 1193mm (T) 101mm	(w) 678mm (T) 58mm	(w) 603mm (T) 51mm		
	HOR.	(w) 959mm (T) 81mm	(w) 543mm (T) 46mm	(w) 483mm (T) 41mm		
	VER.	(w) 723mm (T) 61mm	(w) 408mm (T) 35mm	(w) 363mm (T) 31mm		
DISTORTION (TV)	(w) 0.1% (T) 0.5%	(w) 0.1% (T) 0.1%	(w) 0.1% (T) 0.1%			
FOCUS RANGE	$\infty \sim 2.0$ m					
CLEAR APERTURE	FRONT $\phi 74.8$ mm REAR $\phi 20.1$ mm					
EXIT PUPIL POSITION	-182.2mm					
WEIGHT	2,300 g					

① SERIAL CONTROL CABLE

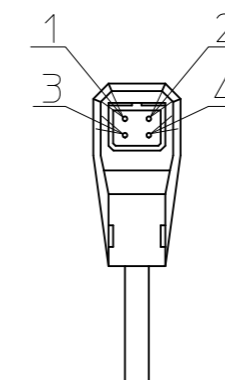
14 LINES LOOS END CABLE ASSIGN

SHIELD	SHIELD
BLUE	RS422 RXD-
GRAY	RS422 RXD+
YELLOW	ZOOM WIPER(*)
ORANGE	RS422 TXD- / RS485B(-)
PURPLE	RS422 TXD+ / RS485A(+)
BLACK	POWER GND
BROWN	POWER DC+12V
RED	FOCUS WIPER(*)
GREEN	SIGNAL GND(WIPER GND / GND OF RS422 AND RS485)
WHITE	NC
PINK	FOCUS CONTROL+
LIGHT BLUE	FOCUS CONTROL-
LIGHT GREEN	ZOOM CONTROL+
PURPLE / BLACK	ZOOM CONTROL-

(*)The output of the potentiometer.
0-5V (Typ.) with 470 Ohm series resistor.

② IRIS CABLE (DIRECT CONTROL)

DRIVE COIL	RESISTOR	190 Ω (20°C)
	COLOR	RED(+) 3pin BLACK 4pin
BRAKE COIL	RESISTOR	1150 Ω (20°C)
	COLOR	YELLOW(+) 2pin GREEN 1pin
DRIVE VOLT.	OPEN	LESS THAN +4V
	CLOSE	OVER THAN 0V W/CLOSING SPRING



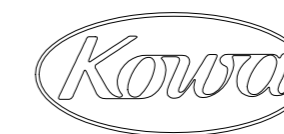
SPECIFICATION

VIDEO INPUT	ANALOGUE VIDEO SIGNAL NTSC/PAL
VIDEO OUTPUT	ANALOGUE VIDEO SIGNAL NTSC/PAL
VIDEO CONNECTOR	TWO BNC(IN AND OUT)
POWER	DC+12V \pm 10%
POWER CONSUMPTION	10W

DIPSW SETTING

DIPSW1	RS422/485 Tx TERMINATOR SWITCH ENABLE(ON)
DIPSW2	RS422 Rx TERMINATOR SWITCH ENABLE(ON)

The termination resistors are 110 ohm.



		MODEL NAME	1" F2.8 25-300mm
		MODEL NUMBER	LMZ25300AMPDC-IRAF
2021.11.04	Date		