

SPECIFICATION

USE	1/1.8" (φ9mm)					
FOCAL LENGTH	f=14~500mm					
IRIS RANGE	F=2.9~5.4					
BACK FOCAL LENGTH	15.8 mm in air					
IMAGE SIZE	5.4x7.2mm (φ9)		4.8x6.4mm (φ8)		3.6x4.8mm (φ6)	
FIELD ANGLE	DIA.	(w) 35.3° (t) 1.04°	(w) 31.5° (t) 0.92°	(w) 23.9° (t) 0.69°		
	HOR.	(w) 28.1° (t) 0.83°	(w) 25.4° (t) 0.74°	(w) 19.2° (t) 0.55°		
	VER.	(w) 21.5° (t) 0.62°	(w) 19.2° (t) 0.55°	(w) 14.4° (t) 0.42°		
FIELD OF VIEW AT M.O.D	DIA.	(w) 6254mm (t) 179mm	(w) 5560mm (t) 159mm	(w) 4168mm (t) 119mm		
	HOR.	(w) 5004mm (t) 143mm	(w) 4446mm (t) 127mm	(w) 3333mm (t) 95mm		
	VER.	(w) 3750mm (t) 107mm	(w) 3333mm (t) 95mm	(w) 2498mm (t) 72mm		
DISTORTION (TV)	(w) -0.03% (t) 0.13% (w) -0.05% (t) 0.11% (w) -0.05% (t) 0.06%					
FOCUS RANGE	∞~10.0m					
CLEAR APERTURE	FRONT φ96mm		REAR φ16.3mm			
EXIT PUPIL POSITION	94.4mm					
WEIGHT	3,000 g					

① SERIAL CONTROL CABLE

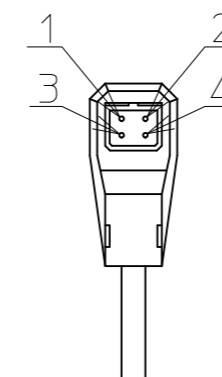
14 LINES L00S END CABLE ASSIGN

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	190Ω (20°C)
	COLOR	RED(+) 3pin BLACK 4pin
BRAKE COIL	RESISTOR	1150Ω (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±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	1/1.8" F2.9 14-500mm
		MODEL NUMBER	LMZ14500AMPDC-IRAF
2020.11.26	Date		