

SPECIFICATION

USE	1" (φ16mm)					
FOCAL LENGTH	f=16~160mm					
IRIS RANGE	F=1.9~3.8					
BACK FOCAL LENGTH	35.1 mm in air					
IMAGE SIZE	12.8x9.6mm (φ16)		5.4x7.2mm (φ9)		4.8x6.4mm (φ8)	
FIELD ANGLE	DIA.	(w) 52.4° (t) 5.6°	(w) 30.5° (t) 3.3°	(w) 27.2° (t) 2.9°		
	HOR.	(w) 42.7° (t) 4.6°	(w) 24.6° (t) 2.6°	(w) 21.9° (t) 2.3°		
	VER.	(w) 32.5° (t) 3.5°	(w) 18.5° (t) 2°	(w) 16.5° (t) 1.7°		
FIELD OF VIEW AT M.O.D	DIA.	(w) 1572mm (t) 159mm	(w) 887mm (t) 92mm	(w) 788mm (t) 82mm		
	HOR.	(w) 1261mm (t) 129mm	(w) 709mm (t) 74mm	(w) 630*mm (t) 66mm		
	VER.	(w) 946mm (t) 98mm	(w) 532mm (t) 55mm	(w) 472*mm (t) 49mm		
DISTORTION (TV)	(w)	-0.1%	(t)	1.2%	(w)	-0.1%
	(t)				(t)	-0.4%
FOCUS RANGE	∞~1.7m					
CLEAR APERTURE	FRONT φ71mm		REAR φ19.7mm			
EXIT PUPIL POSITION	-88.1mm					
WEIGHT	1,500 g					

① SERIAL CONTROL CABLE

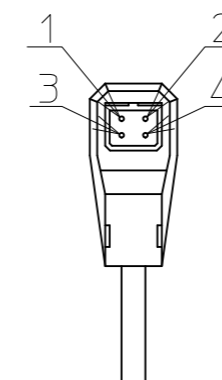
14 LINES L00S END CABLE ASSIGN

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" F1.9 16-160mm
		MODEL NUMBER	LMZ16160AMPDC-IRAF
2020.11.26	Date		