LMSJCM-V LM8JCM-V LM12JCM-V LM16JCM-V LM25JCM-V LM35JCM-V LM50JCM-V

JCM-V Series

High Resolution FA/MV Lenses

LMSJCM-V [LM8JCM-V] [LM12JCM-V] [LM16JCM-V] [LM25JCM-V] [LM35JCM-V] [LM50JCM-V

Kowa's new JCM-V series is made for use in high vibration and shock environments.

With a design based on Kowa's standard 2/3" JCM lenses, this new ruggedized megapixel lens series is ideal for applications that require increased durability and high optical performance.



Features of JCM-V Series

- ► For megapixel applications requiring a sensor size of 2/3" (Φ11mm) or smaller.
- Two way reversible nut is utilized to tightly lock the All internal glass elements are glued to the inside focus adjustment ring in place.
- Interchangeable iris plates are used to select the F-stop.
- Unique mechanical design to guard against strong vibration and shock.
- housing to improve stability.

Interchangeable Iris Plates

The JCM-V series uses interchangeable iris plates instead of mechanical iris diaphragms with moving blades. You can choose from four iris plates to adjust the F-stop.



Interchangeable Iris Plates



Focus Adjustment Procedure

- 2 Unscrew the bottom ring of the outside body to adjust the focus to optimal position.
- 3 Screw the red two way reversible nut on the center body towards the bottom ring to lock in the focus.



Two Wav Reversible Nut

† Images may differ from the actual product

LM5.ICM-V NEW















Model Focal Length (mm) 8.8×6.6 (Ф11) Image Size (mm) F2.8 / F4 / F5.6 / F8 Iris Range (F-stop) Focusing Range (m) 0.1~∞ Focus Manual 200.8(H)×150.8((V) Shooting Range at M.O.D. (mm 2/3 Inch 82.4×66.9 Angle of 1/1.8 Inch 71.7×57.1 (Degrees) 1/2 Inch 65.2×51.3 TV Distortion (%) 0.5 10.0 Back Focus in Air(mm) Mount C-mount Filter Thread (mm) M40.5×P0.5 Φ43×38.4 Size (mm) Weight(g) 73 Temperature Range -10°C~+50°C

LM8.JCM-V







LM16,JCM-V



2" 16mm FIXED MEGA C-mt METAL RUGGED

















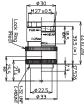




LM25.JCM-V

LM12.JCM-V









LM50.JCM-V



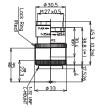






LM35.JCM-V







Model Focal Length (mm)

Angle of

(Degrees)

Mount

Size (mm)

Weight(g)

Image Size (mm)

Iris Range (F-stop)

Focusing Range (m)

Shooting Range at M.O.D. (mm)

TV Distortion (%)

Filter Thread (mm)

Back Focus in Air(mm)

Focus

2/3 Inch

1/2 Inch







8.8×6.6 (Ф11)

F1.4 / F4 / F8 / F16

0.1~00

Manual

120.3(H)×90.0(V)

56.5×43.9

47.4×36.3

42 6x32 5

-0.6

9.74

C-mount

M27×P0 5

Ф33.0×41.6

88

-10°C~+50°C



8.8×6.6 (Ф11)

F1.4 / F4 / F8 / F16

0.15~00

Manual

110.0(H)×82.5(V

38.3×29.1

31.7×24.0

28 3x21 4

-0.07

11.7

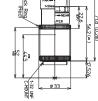
C-mount

M27×P0 5

Ф33.0×37.0

75

-10°C~+50°C





8.8×6.6 (Ф11)

0.2~00

Manual

112.8(H)×84.4(V)

30.0×22.7

24.7×18.6

21 8×16 4

-0.05

13.1

C-mount

M27xP0 5

Ф33.0×36.5

76.5

-10°C~+50°C

F1.4 / F4 / F8 / F16



8.8×6.6 (Ф11)

F1.4 / F4 / F8 / F16

71.1(H)×53.3(V)

19.6×14.8

14 0×10 5

-0.04

C-mount

M27xP0 5

Ф33.0×39.5

83

-10°C~+50°C

0.2~00





8.8×6.6 (Ф11)

0.2~∞

Manual

47.9(H)×35.8(V)

14.4×10.8

10 5×7 9

-0.2

20.1

C-mount

M27xP0 5

Ф33.0×38.8

72 5

-10°C~+50°C





8.8×6.6 (Ф11) F2 / F4 / F8 / F16 F2.8 / F4 / F8 / F16 0.2~∞ Manual 29.3(H)×21.9(V) 9.6×7.2 7.9×5.9 7 0x5 2 -0.03

35.5

C-mount

M27xP0 5

Ф33.0×56.2

85

-10°C~+50°C

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