MODEL NO
JBM-PL7

JB MICROSCOPE™
CLEAR VISION

AUTO FOCUS

28X HDMI 4K Microscope Camera

JBM-PL7



The **JBM-PL7 Auto Focus 28X HDMI 4K Microscope Camera** is a high-performance digital inspection camera designed for precision industrial inspection, electronics manufacturing, PCB repair, quality control, research laboratories, and educational applications. Featuring an advanced **Sony IMX415 8MP image sensor**, it delivers ultra-clear **4K UHD (3840 × 2160)** images with exceptional color accuracy and fine detail.

Its **28X magnification** and intelligent **auto-focus technology** allow users to inspect intricate electronic components quickly and accurately without manual focusing. The camera supports both **HDMI and LAN PoE video output**, making it suitable for standalone operation or integration into industrial inspection systems.



Technicial Specification

Model
JBM-PL7
Optical Magnification / Digital Magnification
28x / 29x - 84x
Sensor Sony
IMX415 CMOS
Sensor Size
1/2.8 inch
Pixel Size
1.45 mm × 1.45 mm

Image Resolution
3840x2160 @60fps
Video Output
HDMI, LAN PoE
Preview Frame Rate
4K @ 30 fps / 1080P @ 60 fps
Video Performance
High-speed, fast-response video
Exposure Time
1/50 sec (1/60 sec) to 1/10000 sec
White Balance
Auto / Manual / One-Push Control

Exposure Control
Auto / Manual
Real-Time Measurement
Supported
Storage
USB Disk Supported
Operation Method
USB Mouse
Scanning Method
Line-by-Line Scanning

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