

High Definition Smart Camera-Measuring Camera

Model No.: **HDMI.27.V20M**

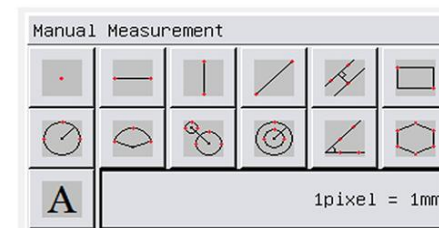


Features:

1080P High Definition imaging, High speed 60 frame
Embedded measurement software, no need computer.
BMP or JPG photo storage, online browsing.
Automatic Calibration, Automatic edge finding, the artificial
calibration error can be reduced.
Graphics on the screen, Any graphics can be drawn on the
screen, edit and save.

Measuring Function:

Support measurement data export and save in Excel format;
Free choice Data unit, change automatically (mm, um)
Support measurement of Line, Vertical line, Oblique line,
Parallel line, rectangle, Circle, Fan, Concentric Circle,
the distance of the Circles Centers, Angle, Any Polygon ect.

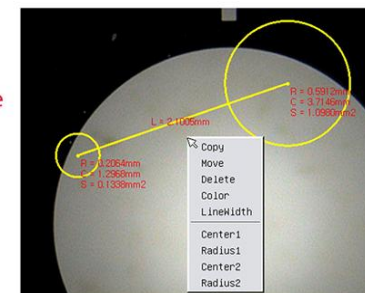


Parameters:

Resolution	1920*1080
Pixel Size	3.75 μm
Optical Size	1/2"
Color Depth	12:12:12 RGB
Frame Rate	60fps
Color Adjust	Manual / Auto
Luminance Adjust	Manual / Auto
Storage Mode	U Disk Storage (Support various kind of U Disk)
Measurement Function	Line, lines spacing, circle, fan, and any polygon ect.
Power Input	DC 12V, 2A
Dimension	60mm x 60mm x 65mm
Operation Moisture	5%~85%
Operation Temperature	0~60 °C
Output Interface	HDMI output



Measuring the distance
of the circles centers



Real Shot



Measuring PCB



Measuring Glass screen

www.ningbomicroscope.com

Startup Interface:

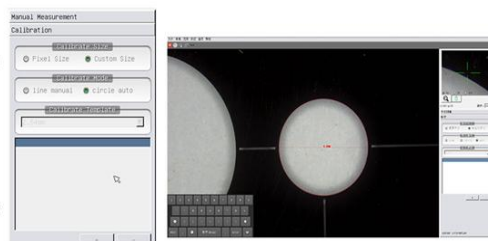
The startup interface can be customized according to
customer requirements. It can be the company logo
or other information that the customer wants.



Automatic Calibration, Automatic edge finding:

Automatic Calibration: After adjusting the lens magnification,
Select the appropriate size of the calibrated plate. One button
operation, the system software automatically identifies the
calibration board, and completes the calibration.

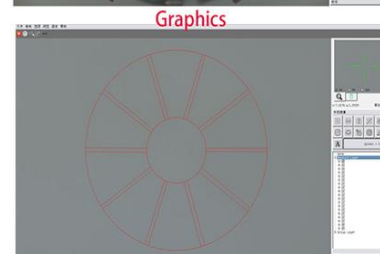
Automatic edge finding: The manual operation error can not
be avoided when artificial edge finding. The camera system
software automatically identifies the real edge in the effective
window area and corrects them, thereby eliminating human
error.



Automatic Calibration



Graphics



Export and edit

Graphics on the screen:

Draw various graphics on the screen, and allowed secondary
edit to graphics data.

1. Allowed built new modeling group (no group limited),
support import or export data between multiple cameras.
2. Tolerance range can be set for comparing measurement
3. Lines color, lines thickness and Font size can be adjusted
freely