



**KEIYU NDT SUPPLY COMPANY**  
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## KY101- 4 way Articulation Borescope



### Applications:

- Automotive / Diesel repair and maintenance
- Inspection of hard to reach or hard to area or equipment
- Plumbing, construction, restoration applications
- Science education
- Outdoor exploration

| System Device                     |   |
|-----------------------------------|---|
| <b>Power</b>                      | DC5V  |
| <b>Display</b>                    | 3.5" TFT LCD Monitor<br>640x480 pixels        |
| <b>Interface</b>                  | Mini USB 1.1/ AV out / AV in                  |
| <b>Battery</b>                    | Rechargeable Li-ion Battery<br>(3.7V 2300mAh) |
| <b>Video out format</b>           | NTSC & PAL<br>(640 x 480 Video to TV)         |
| <b>Recording medium</b>           | 4G SD card (the capacity can be used up 32G)  |
| <b>Compression format</b>         | MPEG4   |
| <b>Still image storage format</b> | JPEG (640 x 480)                              |
| <b>Video Recording format</b>     | ASF (640 x 480)                               |
| <b>Language</b>                   | Support 15 languages                          |
| <b>Zoom</b>                       | 2 times digital Zoom in and Zoom out          |
| <b>Mirror</b>                     | Reflecting Object Surface                     |
| <b>Illuminant intensity</b>       | Adjustable                                    |
| <b>Photo/Video replay</b>         | Supported                                     |
| <b>2 Photos comparison</b>        | Supported                                     |
| Camera Cable                      |   |
| <b>Image sensor:</b>              | CMOS  |
| <b>OD types:</b>                  | 4 way articulation / 5.5mm                    |
| <b>Cable Length:</b>              | 1M  |

|                              |                                |
|------------------------------|--------------------------------|
| <b>Exposure</b>              | Automatic                      |
| <b>White balance</b>         | Fixed                          |
| <b>Field of View</b>         | 67 degree                      |
| <b>Resolution types</b>      | 640(H) x 480(V)                |
| <b>Focus distance</b>        | SF2~8cm                        |
| <b>Light source</b>          | 4 Bright LED lambs             |
| <b>Articulation</b>          | 360°                           |
| <b>Operating Temperature</b> | -25° to 60° C (-13° to 140° F) |
| <b>Waterproof</b>            | IP67(Insertion tube and tip)   |
| <b>Number of lamps</b>       | 4                              |
| <b>Weight</b>                | 0.34 kg                        |
| <b>Brightness Control</b>    | Manual                         |
| <b>Lamp Type</b>             | LED                            |
| <b>Lamp Output</b>           | 1360 Lux at 20.6mm             |
| <b>Lamp Life</b>             | 1000 hrs (average)             |

| Contents |                                |
|----------|--------------------------------|
|          | 3.5 Inches LCD Receiver x 1    |
|          | 4GB SD Card x 1                |
|          | Selected Insertion Probe x 1   |
|          | User's Manual x 1              |
|          | USB Cable x 1                  |
|          | Suitcase x 1                   |
|          | Power Adapter 5V x 1           |
|          | Rechargeable Li-Ion Battery x1 |
|          | AV Cable x 1                   |