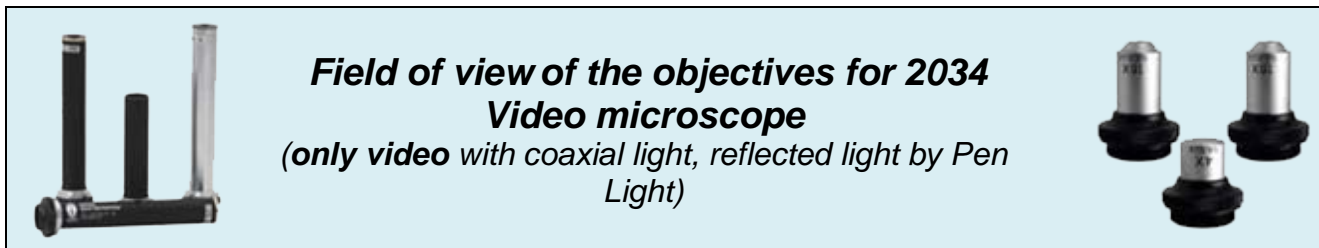


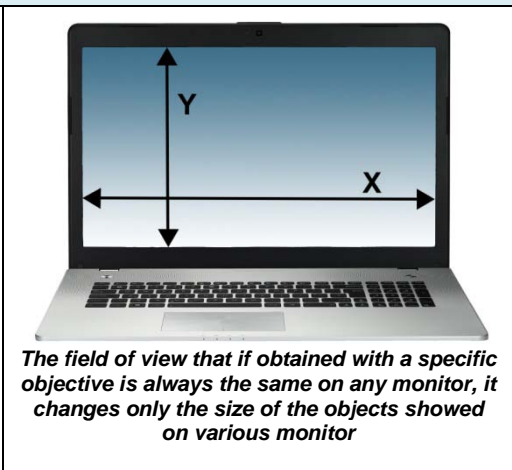
TB100513 tables (page 1 to page 8)



Magnification referred to a 15,5" monitor

It means, if you take a ruler and put it on your monitor on the object to be measured, that you know real measures, you can calculate the effective field of view that is obtained with "objective-monitor" used.

Ex.: 100mm on your monitor of an object with real measure of 2mm it means that, the objective enlarge the image of 50 times and in this case you are using the objective D-50.



| Objective lens magnetic attack | Code | 1.3 Mpx CCD 1/3" | | 5 Mpx CCD 1/2,5" | |
|--------------------------------|-------------------|------------------|--------------------|------------------|--------------------|
| | | Magnification | Field of view (mm) | Magnification | Field of view (mm) |
| * 25 | 0025-00PL 34-540M | - | - | - | - |
| * 30 | 0030-00PL 34-540M | 32X | 10.1x5.64 | 28X | 11.7x6.54 |
| * 40 | 0040-00PL 34-540M | - | - | - | - |
| * 50 | 0050-00PL 34-540M | 52X | 6.1x3.41 | 45X | 7.2x4,02 |
| * 75 | 0075-00PL 34-540M | 78X | 4.2x2.35 | 65X | 4.8x2,68 |
| * 100 | 0100-00PL 34-540M | 105X | 3.1x1.73 | 85X | 3.6x2,01 |
| * 150 | 0150-00PL 34-540M | 170X | 1.9x1.06 | 140X | 2.2x1,23 |
| 200 | 0200-CLPL 34-540M | - | - | - | - |
| 320 | 0320-CLPL 34-540M | 340X | 0.9x0.5 | 290X | 1.1x0,61 |
| 475 | 0475-CLPL 34-540M | 490X | 0.65x0,36 | 420X | 0.75x0,42 |
| 750 | 0750-CLPL 34-540M | 875X | 0.4x0.22 | 750X | 0.45x0,25 |
| 1100 | 1100-CLPL 34-540M | 1230X | 0.26x0.15 | 1050X | 0.3x0,17 |
| 1500 | 1500-CLPL 34-540M | 1760X | 0.17x0.09 | 1500X | 0.2x0,11 |
| 2350 | 2350-CLPL 34-540M | 2575X | 0.11x0.06 | 2200X | 0.13x0,07 |

(*): Only using with pen light.

NB: For design reasons (mechanical and optical) the magnification values reported in table could change about of ±10%.



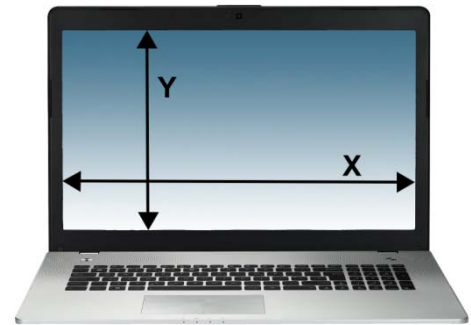
**Field of view of the objectives for 2054
Video microscope**
(only video with coaxial light, reflected by Pen Light)



Magnification referred to a 15,5" monitor

It means, if you take a ruler and put it on your monitor on the object to be measured, that you know real measures, you can calculate the effective field of view that is obtained with "objective-monitor" used.

Ex.: 100mm on your monitor of an object with real measure of 2mm it means that, the objective enlarge the image of 50 times and in this case you are using the objective D-50.



The field of view that if obtained with a specific objective is always the same on any monitor, it changes only the size of the objects showed on various monitor

| Objective lens magnetic attack | Code | 1.3 Mpx CCD 1/3" | | 5 Mpx CCD 1/2,5" | |
|--------------------------------|-------------------|------------------|--------------------|------------------|--------------------|
| | | Magnification | Field of view (mm) | Magnification | Field of view (mm) |
| * 25 | 0025-00PL 34-540M | - | - | 35X | 9.6x5.36 |
| * 30 | 0030-00PL 34-540M | - | - | - | - |
| * 40 | 0040-00PL 34-540M | 55X | 5.9x3.3 | - | - |
| * 50 | 0050-00PL 34-540M | 64X | 5.1x2,85 | 55X | 6x3.35 |
| * 75 | 0075-00PL 34-540M | 88X | 3.6x2.01 | 75X | 4.2x2.35 |
| * 100 | 0100-00PL 34-540M | 120X | 2.8x1.56 | 100X | 3.3x1.84 |
| * 150 | 0150-00PL 34-540M | 185X | 1.7x0.95 | - | - |
| 200 | 0200-CLPL 34-540M | - | - | - | - |
| 320 | 0320-CLPL 34-540M | 375X | 0.9x0.5 | 320X | 1x0.56 |
| 475 | 0475-CLPL 34-540M | 540X | 0.6x0.34 | 460X | 0.7x0.39 |
| 750 | 0750-CLPL 34-540M | 880X | 0.35x0.2 | 750X | 0.4x0.22 |
| 1100 | 1100-CLPL 34-540M | 1290X | 0.26x0.15 | 1100X | 0.3x0.17 |
| 1500 | 1500-CLPL 34-540M | 1760X | 0.17x0.09 | 1500X | 0.2x0.11 |
| 2350 | 2350-CLPL 34-540M | 2600X | 0.1x0.06 | 2200X | 0.13x0.07 |

(*): Only using with pen light.

NB: For design reasons (mechanical and optical) the magnification values reported in table could change about of $\pm 10\%$.



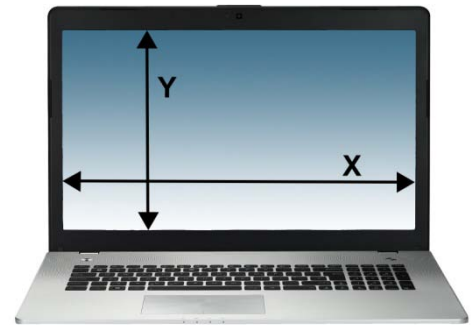
**Field of view of the objectives for 2034
ROLL Video microscope
(only video with coaxial light, reflected by Pen Light)**



Magnification referred to a 15,5" monitor

It means, if you take a ruler and put it on your monitor on the object to be measured, that you know real measures, you can calculate the effective field of view that is obtained with "objective-monitor" used.

Ex.: 100mm on your monitor of an object with real measure of 2mm it means that, the objective enlarge the image of 50 times and in this case you are using the objective D-50.



The field of view that if obtained with a specific objective is always the same on any monitor, it changes only the size of the objects showed on various monitor

| Objective lens magnetic attack | Code | 1.3 Mpx CCD 1/3" | | 5 Mpx CCD 1/2,5" | |
|--------------------------------|-------------------|------------------|--------------------|------------------|--------------------|
| | | Magnification | Field of view (mm) | Magnification | Field of view (mm) |
| * 25 | 0025-00PL 34-540M | 28X | 12x6.7 | 25X | 13.7x7.65 |
| * 30 | 0030-00PL 34-540M | - | - | 28X | 11.6x6.48 |
| * 40 | 0040-00PL 34-540M | 45X | 7.4x4.13 | - | - |
| * 50 | 0050-00PL 34-540M | 52X | 6.1x3.41 | 45X | 7.2x4,02 |
| * 75 | 0075-00PL 34-540M | - | - | - | - |
| * 100 | 0100-00PL 34-540M | 105X | 3.1x1.73 | 85X | 3.6x2.01 |
| * 150 | 0150-00PL 34-540M | - | - | - | - |
| 200 | 0200-CLPL 34-540M | 210X | 1.5x0.84 | 180X | 1.8x1.01 |
| 320 | 0320-CLPL 34-540M | 340X | 0.9x0.5 | 290X | 1.1x0.61 |
| 475 | 0475-CLPL 34-540M | 490X | 0.65x0.36 | 420X | 0.75x0.42 |
| 750 | 0750-CLPL 34-540M | 875X | 0.4x0.22 | 750X | 0.45x0.25 |
| 1100 | 1100-CLPL 34-540M | 1230X | 0.26x0.15 | 1050X | 0.3x0.17 |
| 1500 | 1500-CLPL 34-540M | 1760X | 0.17x0.09 | 1500X | 0.2x0.11 |
| 2350 | 2350-CLPL 34-540M | 2575X | 0.11x0.06 | 2200X | 0.13x0.07 |

(*): Only using with pen light.

NB: For design reasons (mechanical and optical) the magnification values reported in table could change about of ±10%.



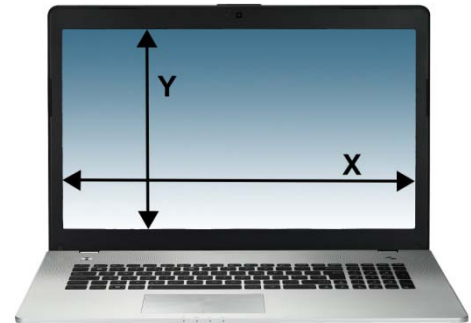
**Field of view of the objectives for 2054
ROLL Video microscope
(only video with coaxial light, reflected by Pen Light)**



Magnification referred to a 15,5" monitor

It means, if you take a ruler and put it on your monitor on the object to be measured, that you know real measures, you can calculate the effective field of view that is obtained with "objective-monitor" used.

Ex.: 100mm on your monitor of an object with real measure of 2mm it means that, the objective enlarge the image of 50 times and in this case you are using the objective D-50.



The field of view that if obtained with a specific objective is always the same on any monitor, it changes only the size of the objects showed on various monitor

| Objective lens magnetic attack | Code | 1.3 Mpx CCD 1/3" | | 5 Mpx CCD 1/2,5" | |
|--------------------------------|-------------------|------------------|--------------------|------------------|--------------------|
| | | Magnification | Field of view (mm) | Magnification | Field of view (mm) |
| * 25 | 0025-00PL 34-540M | 28X | 12x6.7 | 25X | 13.8x7.7 |
| * 30 | 0030-00PL 34-540M | 25X | 10.2x5.7 | 28X | 11.6x6.4 |
| * 40 | 0040-00PL 34-540M | - | - | - | - |
| * 50 | 0050-00PL 34-540M | 52X | 6.1x3.41 | 45X | 7.2x4.02 |
| * 75 | 0075-00PL 34-540M | 80X | 4.1x2.29 | 68X | 4.8x2.68 |
| * 100 | 0100-00PL 34-540M | 105X | 3.1x1.73 | 90X | 3.6x2.01 |
| * 150 | 0150-00PL 34-540M | 170X | 1.9x1.06 | 145X | 2.2x1.23 |
| 200 | 0200-CLPL 34-540M | 210X | 1.5x0.84 | 180X | 1.8x1.01 |
| 320 | 0320-CLPL 34-540M | 340X | 0.9x0.5 | 290X | 1.1x0.61 |
| 475 | 0475-CLPL 34-540M | 490X | 0.65x0.36 | 420X | 0.75x 0.42 |
| 750 | 0750-CLPL 34-540M | 875X | 0.4x0.22 | 750X | 0.45x0.25 |
| 1100 | 1100-CLPL 34-540M | 1230X | 0.26x0.15 | 1050X | 0.3x0.17 |
| 1500 | 1500-CLPL 34-540M | 1760X | 0.17x0.09 | 1500X | 0.2x0.11 |
| 2350 | 2350-CLPL 34-540M | 2575X | 0.11x0.06 | 2200X | 0.13x0.07 |

(*): Only using with pen light.

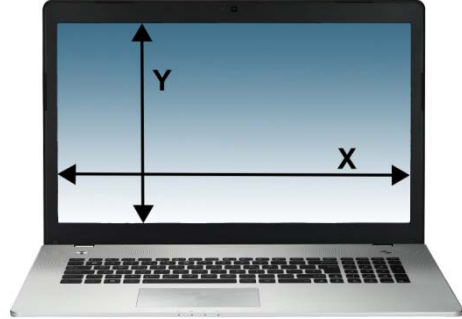
NB: For design reasons (mechanical and optical) the magnification values reported in table could change about of $\pm 10\%$.

Field of view of the objectives for 2034 Video microscope (video and optic with coaxial light, reflected by Pen Light)

Magnification referred to a 15,5" monitor

It means, if you take a ruler and put it on your monitor on the object to be measured, that you know real measures, you can calculate the effective field of view that is obtained with "objective-monitor" used.

Ex.: 100mm on your monitor of an object with real measure of 2mm it means that, the objective enlarge the image of 50 times and in this case you are using the objective D-50.



The field of view that is obtained with a specific objective is always the same on any monitor, it changes only the size of the objects showed on various monitor

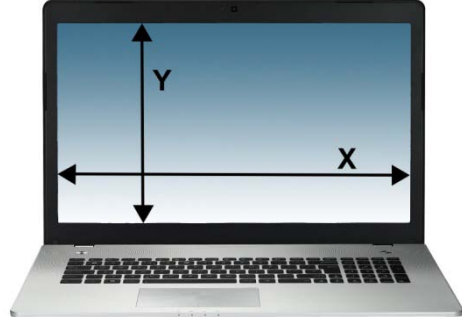
| | Objective lens Screw attack | Optic Magnificati on | 1.3 Mpx CCD 1/3" | | 5 Mpx CCD 1/2,5" | |
|--|-----------------------------------|----------------------------|-----------------------|----------------------------|-----------------------|----------------------------|
| | | | Field of view (mm) | Video Magnificati on | Field of view (mm) | Video Magnificati on |
| | 2X | 20X | - | - | - | - |
| | 4X | 40X | 2.3x1.23 | 150X | 2.6x1.39 | 130X |
| | 6X | 60X | 1.5x0.8 | 210X | 1.7x0.91 | 180X |
| | 10X | 100X | 0.9x0.48 | 340X | 1x0.53 | 290X |
| | 15X | 150X | 0.56x0.3 | 620X | 0.65x0.35 | 520X |
| | 20X | 200X | 0.4x0.21 | 875X | 0.5x0.27 | 750X |
| | 30X | 300X | 0.25x0.13 | 1230X | 0.33x0.18 | 1050X |

Field of view of the objectives for 2054 Video microscope (video and optic with coaxial light, reflected by Pen Light)


Magnification referred to a 15,5" monitor

It means, if you take a ruler and put it on your monitor on the object to be measured, that you know real measures, you can calculate the effective field of view that is obtained with "objective-monitor" used.

Ex.: 100mm on your monitor of an object with real measure of 2mm it means that, the objective enlarge the image of 50 times and in this case you are using the objective D-50.



The field of view that is obtained with a specific objective is always the same on any monitor, it changes only the size of the objects showed on various monitor

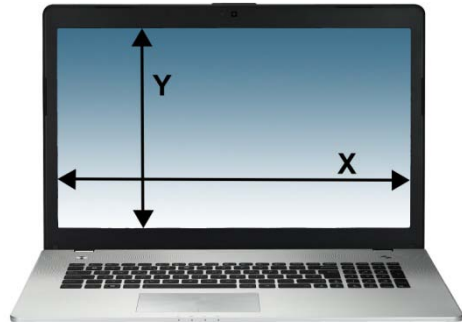
|  | Objective lens Screw attack | Optic Magnificati on | 1.3 Mpx CCD 1/3" | | 5 Mpx CCD 1/2,5" | |
|--|-----------------------------------|----------------------------|-----------------------|----------------------------|-----------------------|----------------------------|
| | | | Field of view (mm) | Video Magnificati on | Field of view (mm) | Video Magnificati on |
| | 2X | 20X | - | - | - | - |
| | 4X | 40X | 2.3x1.23 | 150X | 2.6x1.39 | 130X |
| | 6X | 60X | 1.5x0.8 | 210X | 1.7x0.91 | 180X |
| | 10X | 100X | 0.9x0.48 | 340X | 1x0.53 | 290X |
| | 15X | 150X | 0.56x0.3 | 620X | 0.65x0.35 | 520X |
| | 20X | 200X | 0.4x0.21 | 875X | 0.5x0.27 | 750X |
| | 30X | 300X | 0.25x0.13 | 1230X | 0.33x0.18 | 1050X |

Field of view of the objectives for 2034 ROLL Video microscope (video and optic with coaxial light, reflected by Pen Light)


Magnification referred to a 15,5" monitor

It means, if you take a ruler and put it on your monitor on the object to be measured, that you know real measures, you can calculate the effective field of view that is obtained with "objective-monitor" used.

Ex.: 100mm on your monitor of an object with real measure of 2mm it means that, the objective enlarge the image of 50 times and in this case you are using the objective D-50.



The field of view that is obtained with a specific objective is always the same on any monitor, it changes only the size of the objects showed on various monitor

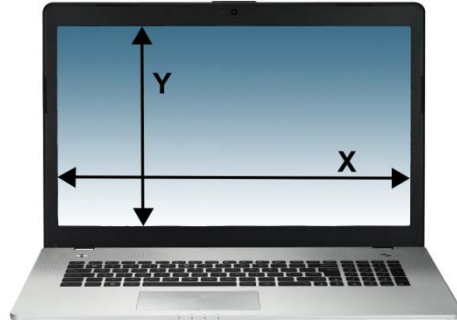
|  | Objective lens Screw attack | Optic Magnificati on | 1.3 Mpx CCD 1/3" | | 5 Mpx CCD 1/2,5" | |
|---|-----------------------------------|----------------------------|-----------------------|----------------------------|-----------------------|----------------------------|
| | | | Field of view (mm) | Video Magnificati on | Field of view (mm) | Video Magnificati on |
| | 2X | 20X | - | - | - | - |
| | 4X | 40X | 2.3x1.23 | 150X | 2.6x1.39 | 130X |
| | 6X | 60X | 1.5x0.8 | 210X | 1.7x0.91 | 180X |
| | 10X | 100X | 0.9x0.48 | 340X | 1x0.53 | 290X |
| | 15X | 150X | 0.56x0.3 | 620X | 0.65x0.35 | 520X |
| | 20X | 200X | 0.4x0.21 | 875X | 0.5x0.27 | 750X |
| | 30X | 300X | 0.25x0.13 | 1230X | 0.33x0.18 | 1050X |

Field of view of the objectives for 2054 ROLL Video microscope (video and optic with coaxial light, reflected by Pen Light)


Magnification referred to a 15,5" monitor

It means, if you take a ruler and put it on your monitor on the object to be measured, that you know real measures, you can calculate the effective field of view that is obtained with "objective-monitor" used.

Ex.: 100mm on your monitor of an object with real measure of 2mm it means that, the objective enlarge the image of 50 times and in this case you are using the objective D-50.



The field of view that is obtained with a specific objective is always the same on any monitor, it changes only the size of the objects showed on various monitor

|  | Objective lens Screw attack | Optic Magnificati on | 1.3 Mpx CCD 1/3" | | 5 Mpx CCD 1/2,5" | |
|--|-----------------------------------|----------------------------|-----------------------|----------------------------|-----------------------|----------------------------|
| | | | Field of view (mm) | Video Magnificati on | Field of view (mm) | Video Magnificati on |
| | 2X | 20X | - | - | - | - |
| | 4X | 40X | 2.3x1.23 | 150X | 2.6x1.39 | 130X |
| | 6X | 60X | 1.5x0.8 | 210X | 1.7x0.91 | 180X |
| | 10X | 100X | 0.9x0.48 | 340X | 1x0.53 | 290X |
| | 15X | 150X | 0.56x0.3 | 620X | 0.65x0.35 | 520X |
| | 20X | 200X | 0.4x0.21 | 875X | 0.5x0.27 | 750X |
| | 30X | 300X | 0.25x0.13 | 1230X | 0.33x0.18 | 1050X |