

## Monocular Digital Biological Microscope

- Megapixel CMOS camera
- Built-in LED illumination
- 3x objectives
- Robust design

This microscope is a USB output digital camera version of our popular MS1020 microscope. Features a robust design, 1.3 megapixel CMOS camera, 3x objectives and built-in LED illumination.



### Specifications

<b>Sensor</b>	1.3 Megapixel CMOS
<b>Resolution</b>	1280x1024 Effective Pixels
<b>Frame Rate</b>	16 FPS @1280x1024
<b>Pixel Size</b>	5.2um x 5.2um
<b>Data Interface</b>	USB 2.0 - Windows2000/XP
<b>Max Magnification</b>	400X
<b>Viewing Head</b>	Monocular head, 45° inclined, 360° rotating
<b>Eyepiece</b>	Wide Field (WF) 10X - 18mm
<b>Objective 1</b>	Din achromatic 4X / NA0.10
<b>Objective 2</b>	Din achromatic 10X / NA0.25
<b>Objective 3</b>	Din achromatic 40X / NA0.65
<b>Nosepiece</b>	Triple Nosepiece with positive click stopper
<b>Stage</b>	Metal stage 110mm x 120mm with paired clips
<b>Diaphragm</b>	Iris Diaphragm
<b>Condenser</b>	NA1.25 Abbe Condenser
<b>Illumination</b>	LED Lamps, Ni-MH Rechargeable, AC adaptor
<b>Power (Camera)</b>	USB 2.0 Lighting
<b>Power (Illumination)</b>	Battery or AC adaptor



# Data Sheet

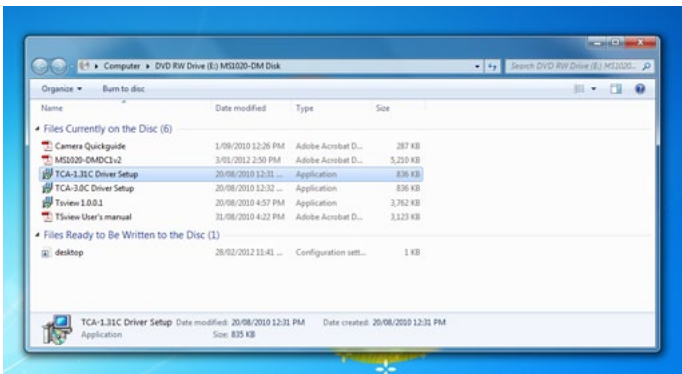
MS1020-DM



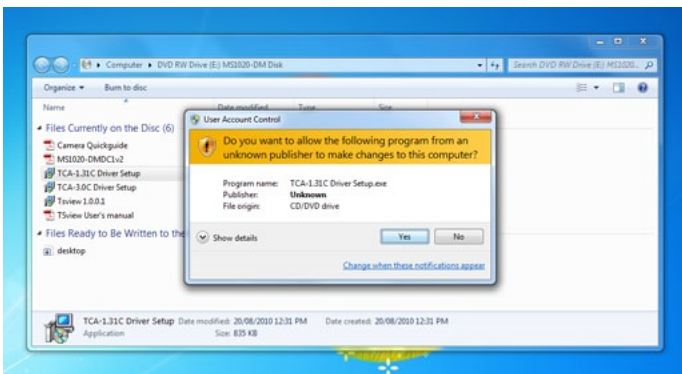
Insert the MS1020-DM Digital Biological Microscope installation disk into the disk drive.

Select 'Open folder to view files' from the Auto-Play pop-up box  
or

Go to My Computer and open your disk drive.

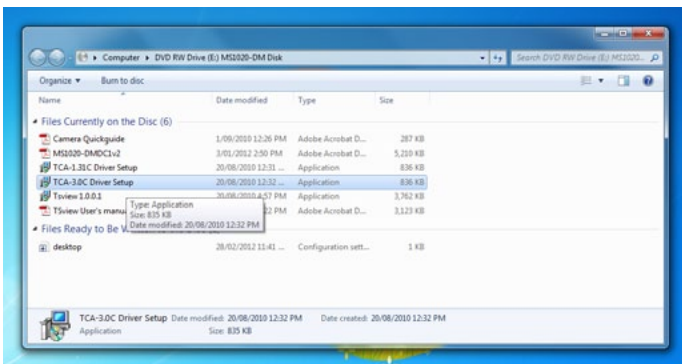


Select and Open the 'TCA-1.31C Driver Setup.exe'



**NOTE:** Administrative Rights are required to take this action; please contact your system administrator if you cannot proceed.

- Click Yes to allow the installation to proceed.
- Follow the prompts and click Finish when the setup is complete.



Select and Open the 'TCA-3.0C Driver Setup.exe'

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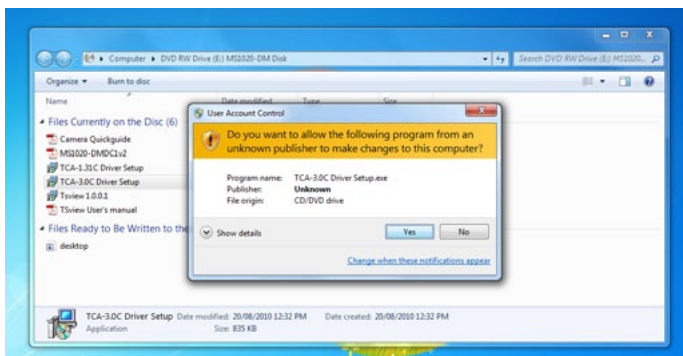
[www.wiltronics.com.au](http://www.wiltronics.com.au)



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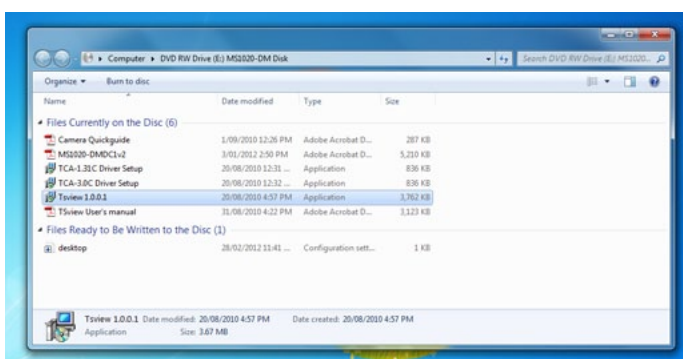
# Data Sheet

MS1020-DM

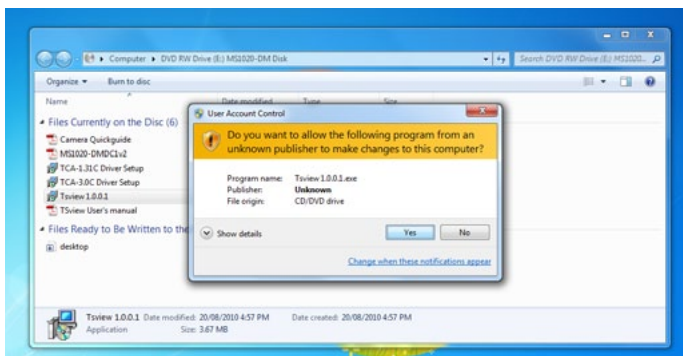


**NOTE:** Administrative Rights are required to take this action; please contact your system administrator if you cannot proceed.

- Click Yes to allow the installation to proceed.
- Follow the prompts and click Finish when the setup is complete.



Select and Open the 'Tsview 1.0.0.1.exe'



**NOTE:** Administrative Rights are required to take this action; please contact your system administrator if you cannot proceed.

- Click Yes to allow the installation to proceed.
- Follow the prompts and click Finish when the setup is complete.

**NOTE:** The MS1020-DM Digital Biological Microscope must be plugged into the computers USB port to open the software.

