

# AM4517MT-G2FBW



**Brand:**

**Product Code:** AM4517MT-G2FBW

## Short Description

1.3 Megapixel

Green fluorescence

High sensitivity sensor

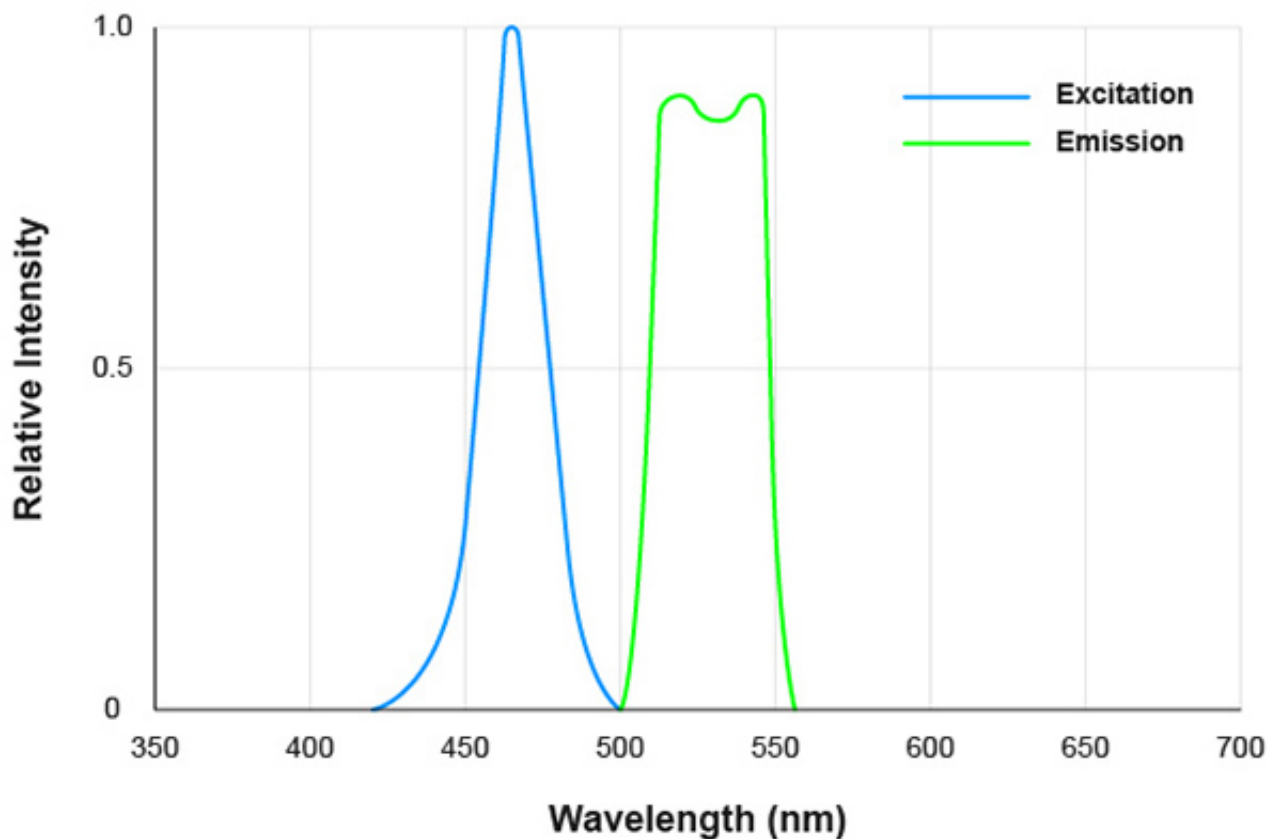
Adjustable LED intensity

Automatic Magnification Readout (AMR)

## Description

Detect green fluorescence emissions with the AM4517MT-G2FBW high-sensitivity 20x ~ 220x digital microscope. It features 465 nm excitation lights and a 510 nm ~ 545 nm emission filter, suitable for capturing emissions from fluorescent probes such as GFP, FITC, and YFP. This model features AMR to ease measurements.

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Adjustable  
~20x-220x



USB 2.0



Measurement  
functionality



Metal  
housing



Magnification  
lock



Fluorescent  
LEDs



Automatic  
Magnification  
Reading (AMR)



1,3 Megapixels  
1280 x 960

### The main features of the AM4517MT-G2FBW are:

- 1.3 Megapixel
- High Sensitivity Sensor
- Green Fluorescence Detection
- Switchable White Light
- Automatic Magnification Readout (AMR)
- Robust Metal Housing

### Optical Data Table

| MAGNIFICATION RATE | WORKING DISTANCE * | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF FIELD |
|--------------------|--------------------|------------------|------------------|----------------|
| Listed values      | * Without front    |                  |                  | Unit = mm      |

**may differ  
slightly**

**cap**

|     |      |       |       |      |
|-----|------|-------|-------|------|
| 20  | 59.8 | 19.53 | 14.65 | 7.05 |
| 30  | 33.1 | 13.02 | 9.77  | 3.36 |
| 40  | 20.5 | 9.77  | 7.32  | 2.02 |
| 50  | 13.4 | 7.81  | 5.86  | 1.38 |
| 60  | 9.2  | 6.51  | 4.88  | 1.01 |
| 70  | 6.7  | 5.58  | 4.19  | 0.79 |
| 80  | 5.1  | 4.88  | 3.66  | 0.64 |
| 90  | 4.1  | 4.34  | 3.26  | 0.53 |
| 100 | 3.7  | 3.91  | 2.93  | 0.45 |
| 110 | 3.6  | 3.55  | 2.66  | 0.39 |
| 120 | 3.7  | 3.26  | 2.44  | 0.34 |
| 130 | 4.1  | 3.01  | 2.25  | 0.3  |
| 140 | 4.5  | 2.79  | 2.09  | 0.27 |
| 150 | 5.2  | 2.6   | 1.95  | 0.25 |
| 160 | 5.9  | 2.44  | 1.83  | 0.22 |
| 170 | 6.7  | 2.3   | 1.72  | 0.21 |
| 180 | 7.5  | 2.17  | 1.63  | 0.19 |
| 190 | 8.5  | 2.06  | 1.54  | 0.18 |
| 200 | 9.4  | 1.95  | 1.46  | 0.16 |
| 210 | 10.5 | 1.86  | 1.4   | 0.15 |
| 220 | 11.5 | 1.78  | 1.33  | 0.14 |