

Leica DMI8 WF

Inverted widefield fluorescence microscope equipped with epifluorescence lamp and EM-CCD camera.

Application

- Fast and multi-color widefield imaging
- Various measurement options: z-stack, time series, tile scan, multi positions
- Brightfield and DIC microscopy

Microscope

An inverted widefield microscope Dmi8 with motorized microscope stage, transmitted light LED U-12V, and following units:

Software	LAS-X
Epifluorescence lamp	CoolLED pE-300
Filter turret	DAPI 325-375 400 435-485 FITC 460-500 505 512-542 RHOD 541-551 560 565-605 CY5 537-583 660 662-738 Analyser
Objectives	HC PL FLUOTAR 10x, NA 0.30, WD 11 mm HC PL FLUOTAR L 20x, NA 0.40, WD 6.9 mm HC PL FLUOTAR L 40x, NA 0.60, WD 3.3 mm HC PL APO 63x Oil, NA 1.4, WD 0.14 mm, DIC
Detection	EM CCD Andor iXon Ultra DU897 (Andor Technologies) <ul style="list-style-type: none">• 512x512 pixels• pixel size: 16x16 μm• frame rate 56 fps for 512x512 pixels