



Brand name: HDC

Model Name: FD1

Description: High-End Microscope Camera with HDMI/USB Interface

Technical Specifications

Preview/Capture resolution (pixels)	1920x1080/1920x1080
Signal type output (main)	HDMI
Signal type output (additional)	USB 2.0, SD card
Sensor and pixel size	1/2,8" 2,8x2,8 µm
Sensor type	SONY IMX236(C)
Frame display rate at full resolution (fps)	60 (HDMI mode, 1920x1080), 30 (USB mode, 1920x1080)
Frame recording rate at full resolution (fps)	30 at 1080P (SD card or PC)
Recording location	SD card (HDMI mode), PC (USB mode)
On-board memory	-
External memory	SD card (8GB)
External power	12V/1A DC (EURO Standard)
Connection	Standard C-mount
Exposure time (msec)	0,4 - 999 (automatic and manual)
System requirements (USB mode)	Windows 7/8/10(32/64bit) or OSx (Mac OS X) Free USB port
System requirements (HDMI mode)	Monitor with HDMI input port
Functions of the on-screen menu	Recording of photos and videos, zoom in/out, image mirroring, image and video gallery with playback capability direct from the camera to the monitor

Physical Specifications

Dimensions (cm)	7,8 (L) x 7 (H) x 9,2 (W)
Weight (kg)	0,47 (camera only - without box and cables)

Package Contents

Camera, Power supply (100-220V 50-60 Hz/12V 1A DC), HDMI cable, USB cable (A-to-A 2,0 m), USB mouse, PC/MAC-Software (CD-ROM).

Optional available on request: adapters c-mount to 23/30/30,5 mm, calibration sheets

Special Features



Build-in mouse control (HDMI-Mode): the user controls all the functions of this mode using a USB mouse which is connected directly on the USB port of the camera.



MAC-Support: MAC-Support: the camera is bundled with a software supporting up to 30 fps on MAC.

Simultaneous multi-signal-output: signal output at the same time through HDMI and USB possible

Product Photos

