Elmo STEM-CAM MO-2 - Digital document camera

colour - 8 MP - 1920 x 1080 - 720p - 1080p - audio - wireless - VGA - HDMI - Wi-Fi - LAN - USB 2.0 - DC 5 V

Group	Network Cameras
Manufacturer	Elmo
Manufacturer item no.	MO-2
EAN/UPC	4560353282455

Description

Intuitively designed for the most immersive STEM experience, the MO-2 STEM Cam opens up a world of endless learning possibilities in the K-12 classroom. The MO-2 is the first Elmo's Android-based document camera, giving uses the ability to browse the web and access educational apps over Wi-Fi or using a wired network connection
The MO-2 comes with built-in Miracast wireless display connectivity and a built-in battery that enables educators to move about the classroom to directly engage with students without having to be tethered to their desk.

Main features

Product Description	Elmo STEM-CAM MO-2 - digital document camera
Device Type	Digital document camera
Audio	Yes: built-in speaker, built-in microphone
Dimensions (WxDxH)	22 cm x 11.5 cm x 34.3 cm
Weight	950 g
Connectivity Technology	Wired, wireless
Camera	Colour
Max Resolution	1920 x 1080
Frame Rate (max)	30 frames per second
Video Modes	720p, 1080p
Optical Sensor Type	CMOS - 1/3.2" - 8 MP
Focus Adjustment	Automatic (min distance 10 cm)
Lens Iris	F/2.0
Interfaces	USB 2.0, VGA, HDMI, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11a, LAN
Voltage	DC 5 V
Features	Digital image rotation, brightness control, SDHC-card slot, USB powered, built-in LED illuminator, integrated rechargeable battery, reset button, auto white balance, anti-flicker, Miracast connectivity, powered by Android
Environmental Parameters (operating)	0 °C - 40 °C; 30 - 85% (non-condensing) relative humidity

Extended details

	General
Device Type	Digital document camera
Audio Support	Yes: built-in speaker, built-in microphone
Connectivity Technology	Wired, wireless
Width	22 cm
Depth	11.5 cm
Height	34.3 cm
Weight	950 g
	Camera
Type	Colour
Max Digital Video Resolution	1920 x 1080
Video Modes	720p, 1080p
Digital Zoom	16
Digital Video Capture Resolution	1280 x 720, 1600 x 1200, 1024 x 768, 1920 x 1080
Frame Rate (max)	30 frames per second
Features	Digital image rotation, brightness control, SDHC-card slot, USB powered, built-in LED illuminator, integrated rechargeable battery, reset button, auto white balance, anti-flicker, Miracast connectivity, powered by Android
	Image Sensor
Type	8 MP CMOS 1/3.2"
Effective Pixels	3280 x 2464
	Lens Construction
Lens Iris	F/2.0
Focus Adjustment	Automatic
Min Focus Distance	10 cm
	Interfaces
Video	VGA, HDMI
Network Interface	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11a, LAN
Computer Interface	USB 2.0
	Expansion / Connectivity
Ports	HDMI output ¦ HDMI input ¦ VGA output - HD-15 ¦ 2 x USB 2.0 - 4 pin USB Type A ¦ USB 2.0 - 4 pin USB Type B ¦ LAN - RJ-45 ¦ Audio line in - 3.5 mm stereo jack ¦ Audio line out - 3.5 mm stereo jack
Supported Memory Cards	SDHC Memory Card
	Power
Power Requirements	DC 5 V
Power Device	Power adapter - external 15 Watt
Battery	(up to 3 hours)

	Environmental Parameters
Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Relative Humidity (operating)	30 - 85% (non-condensing)

Technical data © 1WorldSync. Subject to technical modifications and errors.