



PROPELLER
BY JPL



Mini Conference Room Video Sound Bar with Intelligent Zoom



JPL Spitfire

Ideal for live video broadcast, video conference, home video recording, network teaching

Single USB wire solution - No additional power needed

Plug & play solution - No software or downloads needed

Intelligent zoom, powered by AI - lens moves to focus on the people in the room

Compatible with all computers (Mac /PC) and softphones, and is designed to work straight out of the box

96° field of view - 8 person conference room

Integrated privacy lens cover

USB Type-A and USB Type-C connectivity using the USB adapter included

Dual duplex microphone, 5m voice pickup

Built-in camera in-use LED indicator

Multi-angled desk mount / monitor mount (as well as tripod fixing thread option on the base) giving full 360° camera rotation and 90° camera forward tilt

3 years limited warranty*

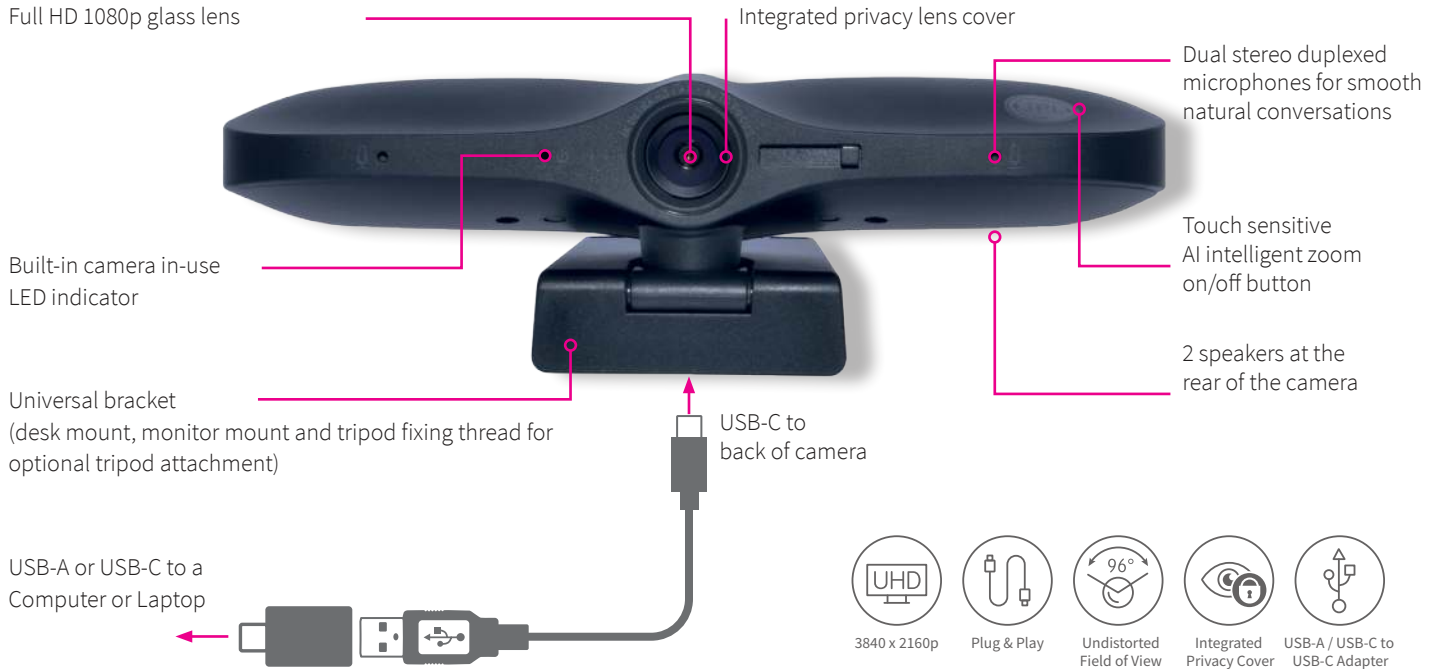


Optimised to work with:





The **JPL Spitfire** Mini Conference Room Video Sound Bar comes with a full HD glass lens, integrated privacy lens shutter and a USB-A to USB-C adapter to allow optional connection to any USB-C device.



Overview

Features	4K UHD 3840 x 2160p
	Full HD 1080p Sony glass lens - No optical distortion
	Integrated privacy lens cover
	Hybrid work solution for the office, home, school or university
	Dual duplex microphone, 5m voice pickup
	Built in camera in-use LED indicator
	USB 2.0 Type-A connectivity
	USB Type-C connectivity with USB-A to USB-C Adapter included
	Desk mount, monitor mount or tripod option
	Full 360° camera rotation including 90° tilt for over desk viewing
	Automatic low-light correction
	AEC – Automatic Echo Cancellation
	ANS – Automatic Noise Suppression
	Clam shell style carry case, mini tripod and wall bracket included
Certifications	UKCA, CE, FCC, RoHS, REACH
Dimensions	160mm wide
Warranty	*3 years limited warranty (2 years standard repair or replacement warranty plus a 3rd year cover on the camera only)
MOQ	Master Shipping Carton: 20
SKU:	575-350-001
EAN:	5060126958901

Technical Data

Camera parameters:	
Total Pixels	8.3 million pixels - 4K resolution
Lens size	M12XP0.5
Aperture	F/No. ≈2.5 ±5%
Image height	ø 5.4
Maximum effective pixel	3840 x 2160
Output image format	MJPEG and YUY2
Field of view	D=96° H=87° V=56° ± 3°
AI Zoom	5 x AI Zoom
Minimum Illumination	0.5 Lux at F2.0
Exposure	Automatic Exposure (AE)
White Balance	Auto White Balance (AWB)
	Dynamic Black Level Calibration (ABLCL)
Resolution @ 30fps	3840 x 2160, 2920 x 1080, 1280 x 720, 640 x 480
Microphone parameters:	
SNR	≥60dB
Sensitivity	-38±3dB (2.0V 2.2KΩ)
Far-field distance	5 meters voice pickup
Horizontal voice pickup	Omnidirectional microphone
Communication mode	USB
AEC	Automatic: gain control, noise reduction control and echo noise reduction control
Speaker parameters:	
Sampling rate	48kHz
Speaker power	1W*2pcs
Directivity	Omnidirectional
Rated impedance	8Ω ± 5%
Other parameters:	
Interface type	USB 2.0 Type-A or USB Type-C
Voltage	DC 5V / 1000mA
OS Support	Win 2000/XP/Vista/Win 7/Win 8/Win 10, Win CE with UVC, Linux with UVC (above Linux - 2.6.26) Mac OS X 10.4.8 or later, Android 4.0 with UVC
Size (camera / gift box)	camera(160 x 52 x 48mm) / (224 x 177 x 84mm)
Weight (camera / gift box)	TBA

Optimised to work with:

