

# DJI Ronin RavenEye Image Transmission System and Camera Connections and Settings

Brand	Model	RavenEye Support	Multi-Camera Control Cable	HDMI Cable	Notes	Camera Firmware Version
Sony	A1	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to HDMI Cable (20 cm)	1. Set the HDMI resolution to 1080p. 2. Set the HDMI Info.Display to off to display the liveview on both the camera and RavenEye (XAVC SHD file format required). <b>Notes:</b> 1. The camera screen is blank if the HDMI Display is set to on after the HDMI output is connected. 2. Due to the limitation of the camera, the camera screen will be blank during video recording when the video format is XAVC S 4K. 3. Due to the limitation of the camera, the camera screen will be blank when using playback after HDMI is connected.	v1.00
	A7S	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v3.20
	A7S II	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v2.20
	A7S III	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to HDMI Cable (20 cm)		v1.01
	A7M II	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v4.01
	A7M III	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v3.01
	A7R II	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v4.00
	A7R III	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v3.10
	A7R IV	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.10
	A9	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v6.0
	A9 II	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v2.00
	A6100	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.00
	A6300	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v2.01
	A6500	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.02
	A6600	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.00
	A6400	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.00
	FX3	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to HDMI Cable (20 cm)		v1.00
	ZV-1	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.00
	PXW-Z90V	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to HDMI Cable (20 cm)		~~
	FDR-AX100E	Yes	Multi-Camera Control Cable (Sony Multi)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		~~
A1	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to HDMI Cable (20 cm)		v1.00	
A7S III	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to HDMI Cable (20 cm)		v1.01	
FX3	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to HDMI Cable (20 cm)		v1.00	
A7C	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)	1. Set the HDMI resolution to 1080p. 2. Set the HDMI Display to off to display the liveview on both the camera and RavenEye. 3. The camera must be set to video mode to connect to RavenEye. 4. To display the liveview on both the camera and the app, connect to RavenEye, turn off the computer remote control on the camera, disconnect the camera control cable on the camera, and turn on the computer remote control on the camera before reconnecting the camera control cable. <b>Notes:</b> 1. The camera screen is blank if the HDMI Display is set to on after the HDMI output is connected. 2. Due to the limitation of the camera, the camera screen will be blank when using playback after HDMI is connected.	v1.00	
Canon	EOS R	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Mini-HDMI Cable	In video mode, the camera and app can display liveview when the camera HDMI Display is set to Camera Screen+HDMI monitor.	v1.6.0
	EOS R5	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.0.0
	EOS R6	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.0.0
	EOS RP	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Mini-HDMI Cable	In video mode, the camera and app can display the liveview when the camera HDMI Display is set to no information/4K output or no information/FHD output.	v1.4.0
	EOS 5D Mark III	Yes	Multi-Camera Control Cable (Mini-USB)	Ronin Mini-HDMI to Mini-HDMI Cable	1. In video mode, the camera and app can display the liveview when the camera HDMI Display is set to Mirroring for HDMI out+LCD. 2. The camera must be set to real-time preview mode when using with RavenEye.	v1.2.3
	EOS 5D Mark IV	Yes	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to Mini-HDMI Cable	1. In video mode, the camera and app can display the liveview when the camera HDMI Display is set to Camera Screen+HDMI monitor. 2. The camera must be set to real-time preview mode when using with RavenEye.	v1.2.1
	EOS-1D X Mark II	Yes (camera screen blank)	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to Mini-HDMI Cable	Due to the limitation of the camera, the camera screen will be blank after connecting the HDMI and RavenEye. <b>Notes:</b> For EOS 90D and EOS 200D, the camera liveview can be viewed only after switching to photo mode and back to video mode.	v1.1.6
	EOS-1D X Mark III	Yes (camera screen blank)	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.1.0
EOS 6D Mark II	Yes (camera screen blank)	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.0.4	
EOS 7D Mark II	Yes (camera screen blank)	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.1.1	

Brand	Model	RavenEye Support	Multi-Camera Control Cable	HDMI Cable	Notes	Camera Firmware Version
Canon	EOS 77D	Yes (camera screen blank)	Multi-Camera Control Cable (Mini-USB)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.0.2
	EOS 80D	Yes (camera screen blank)	Multi-Camera Control Cable (Mini-USB)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.0.2
	EOS 800D	Yes (camera screen blank)	Multi-Camera Control Cable (Mini-USB)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.0.1
	EOS 90D	Yes (camera screen blank)	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.0
	EOS 200D Mark II	Yes (camera screen blank)	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.0.0
	EOS M50	Yes (camera screen blank)	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.0.2
	EOS M50 II	Yes (camera screen blank)	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.0.0
	EOS M6 II	Yes (camera screen blank)	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.0.1
	G7X 3	Yes (camera screen blank)	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.2
	EOS-1D X	No	Multi-Camera Control Cable (Mini-USB)	Ronin Mini-HDMI to Mini-HDMI Cable	Due to the HDMI output limitation of the camera, RavenEye cannot be viewed. The HDMI output video format is 1080i, while RavenEye supports 1080p and 720p.	v2.1.0
	EOS 5DS R	No	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.1.0
	EOS 6D	No	Multi-Camera Control Cable (Mini-USB)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.1.7
	EOS 70D	No	Multi-Camera Control Cable (Mini-USB)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.0.0
	EOS 750D	No	Multi-Camera Control Cable (Mini-USB)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.1.3
Nikon	Z5	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Mini-HDMI Cable	1. Set the HDMI output resolution to 1080p. 2. Due to the limitation of the camera, HDMI output is not supported when the camera is set to 100p/120p (slow motion). <b>Notes:</b> After connecting the HDMI device with Z6, Z7, Z6 II, or Z7 II cameras, it is not possible to record 3840x2160 30p/25/24p or 1920x1080 : 120/100p x4 (slow motion) with a 10-bit HDMI output. Go to Device, HDMI Settings, Advanced, Output Data Depth, 8/10 bit, and select 8 bit.	v1.0
	Z6	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Mini-HDMI Cable		v3.0
	Z7	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Mini-HDMI Cable		v3.0
	Z6II	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.0
	Z7II	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.0
	Z50	Yes	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.0
	D5	Yes	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to Mini-HDMI Cable	To use the camera control cable together with the RavenEye image transmission system, connect the HDMI cable before connecting the camera control cable.	v1.30
	D6	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.00
	D500	Yes	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.20
	D780	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Mini-HDMI Cable		v1.01
Panasonic	D850	Yes	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to Mini-HDMI Cable	1. Set the HDMI output resolution to 1080p. 2. The camera must be set to real-time preview mode when using with RavenEye. 3. To use the camera control cable together with the RavenEye image transmission system, connect the HDMI cable before connecting the camera control cable.	v1.10
	S1H	Yes (camera screen blank)	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to HDMI Cable (20 cm)	The camera screen will be blank if the camera control cable and HDMI are both connected.	v2.1
	S1	Yes (camera screen blank)	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to HDMI Cable (20 cm)		v1.3
	S1R	Yes (camera screen blank)	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to HDMI Cable (20 cm)		v1.8
	GH5	Yes (camera screen blank)	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to HDMI Cable (20 cm)		v2.6
	GH5S	Yes (camera screen blank)	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to HDMI Cable (20 cm)		v1.2
	S5	Yes (camera screen blank)	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.0
	G9	Yes (camera screen blank)	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to HDMI Cable (20 cm)		v2.0
	BGH1	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to HDMI Cable (20 cm)	/	v1.0
	G95	Yes	Multi-Camera Control Cable (RSS-P)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)	/	v0.2
	GH4	Yes	Multi-Camera Control Cable (RSS-P)	Ronin Mini-HDMI to HDMI Cable (20 cm)	The video recording quality must be set to 60p/24p when using RavenEye.	v2.6
FUJIFILM	GH3	No	Multi-Camera Control Cable (RSS-P)	Ronin Mini-HDMI to HDMI Cable (20 cm)	Not supported.	v1.1
	X-H1	Yes	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)	/	v2.01
		Yes	Multi-Camera Control Cable (RSS-F)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		
	X-E3	Yes	Multi-Camera Control Cable (RSS-F)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.22
	X-S10	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v2.0
		Yes	Multi-Camera Control Cable (RSS-F)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.0
	X-T20	Yes	Multi-Camera Control Cable (RSS-F)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.0
	X-T30	Yes	Multi-Camera Control Cable (RSS-F)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.10
	X-T2	Yes	Multi-Camera Control Cable (Micro-USB)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v4.30
		Yes	Multi-Camera Control Cable (RSS-F)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		
	X-T3	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v3.10
		Yes	Multi-Camera Control Cable (RSS-F)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		
X-T4	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)		v1.0	
	Yes	Multi-Camera Control Cable (RSS-F)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)	(1) Turn on the HDMI OUTPUT INFO DISPLAY when using a Fuji X-T4 at 4K.		
Sigma	FP	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)	/	v2.0
BMPCC	BMPCC 6K Pro	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to HDMI Cable (20 cm)		v7.3.1
	BMPCC 6K	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to HDMI Cable (20 cm)		v7.3.1
	BMPCC 4K	Yes	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to HDMI Cable (20 cm)		v7.3.1
Olympus	E-M1 II	No	Multi-Camera Control Cable (USB-C)	Ronin Mini-HDMI to Micro-HDMI Cable (20 cm)	To connect the RavenEye image transmission system, the HDMI control must be disabled and the HDMI resolution must be set to 1080p. Otherwise, the image display will be abnormal. <b>Notes:</b> Due to the limitation of the camera, the USB camera control cable and the HDMI cable cannot to be used simultaneously. Otherwise, there will be no output from the HDMI of the camera.	v1.3
ZCAM	Z CAM E2	Yes	Third-Party Cable	Ronin Mini-HDMI to HDMI Cable (20 cm)	/	v0.96.0