Physical	
Dimensions (W x H x D mm)	482mm x 310mm x 60mm
Weight	5.22 Kg
Mounting Points	19-inch rack ears
Rack height	7 RU
VESA Mount	No
Environmental	
Ambient Operating Temperature	Up to 40 degrees Celsius
Construction	
Body	Aluminium with ABS plastic
Cooling	Actively controlled fan and heat sink
Touchscreen	Capacitive touch
Tally Light	LED on front only
Multi-Function Buttons	Power + 6 assignable
Power	
Input voltage	DC 12V to 16.8V DC
Operating Power	75W
Compatible Batteries	Connect to either/both DC 4-pin XLR input
Battery Voltage	14.4V nominal
Battery Power	Single battery input via dedicated 4-pin XLR
DC-In Connector	1 x 4-pin XLR for included DC power supply
D-Tap	Via third-party D-Tap to 4-pin XLR cable
Display	
Size	19-inch
Resolution	3840 x 2160 4K UHD
Bit Depth	10-bit (8+2 FRC)
Backlight Type	Double Edge-Lit
Brightness (cd/m²/ nits)	1200
Aspect Ratio	16:9
Color Gamut	100% Rec.709, 99% DCI-P3, 99% NTSC, 87% BT.2020
Calibration Support	Calibrite Display Pro or Display Plus on PC/Mac with Atomos LANC cable (ATOMCAB018, sold separately)
Color Pipeline	
Gamma	Sony SLog / SLog2 / SLog3 / HLG, Canon C-Log / C-Log2 / C-Log3, ARRI Log CEI160 / LogCEI200 / LogCEI250 / LogCEI320, / LogCEI400 / LogCEI500 / LogCEI640 / LogCEI800 / LogCEI1000 / LogCEI1280 / LogCEI1600, Panasonic V-Log / HLG, JVC J-Log, Red RedLogFilm / Log3G10 / Log3G12, FujiFilm F-Log, PQ (HDR10), HLG, Nikon N-Log
Gamut	DCI P3, DCI P3+, DCI-P3 D65, Rec709. Sony: S-Gamut / S-Gamut3 / S-Gamut3.cine / BT.2020 / Rec.709. Canon Cinema / Panasonic V Gamut /ARRI Alexa Wide Gamut / JVC LS300. RED DragonColor / DragonColor2 / RedColor2 / RedColor3 / RedColor4 / RedWideGamut
3D LUT Display	.Cube format (17 & 33 points supported)
3D LUT Down Stream	Loop out
3DLUT 50/50	Yes
Monitoring Modes	Native / HLG / PQ / 3D LUT
HDR Output Conversion	Log / HDR to HLG / PQ
Video Input	
HDMI	1 x HDMI (2.0) up to 4K60P
Locking port	No
SDI	2 x 12G-SDI (6G/3G backwards compatible) + 2 x 3G-SDI
Wi-Fi	No

Bit Depth	8/10-bit for video / up to 12-bit for RAW
Video Chroma Subsampling	YCbCr 4:2:0 & 4:2:2
HDR Output Conversion	HDMI auto detection
Video Output	
HDMI	1 x HDMI (2.0) up to 4K60P
Locking port	No
SDI loop through	1 x 12G-SDI
Wi-Fi	No
USB	2 x USB-C 2.0/3.0
Bit Depth	8/10-bit video
Video Chroma Subsampling	4:2:2
Metadata	
SDI	File name – ARRI & RED.RAW – white balance, exposure index, shutter speed/angle, iris/F-stop, ISO, gamma, gamut
File naming - standard	Scene / shot / take & rolling scene / shot / take
File naming - over SDI	Auto-matched filenames from supported ARRI & RED Cameras
Network	
Ethernet	1 x RJ45
Connectivity	
USB	2 x USB-C 2.0/3.0
Bluetooth	No
LANC	Yes
Video Signal Conversion	
HDMI to SDI	Yes
SDI to HDMI	Yes
Audio In/Out	
Audio Quality	24-bit / 48kHz
Audio Codec	PCM
HDMI	8-channel, 24-bit (input dependent)
SDI	12-channel, 24-bit (input dependent)
Analog Audio In	2 x 3-pin XLR (female)
Analog Audio Out	2 x 3-pin XLR (male)
Speakers	Mono confidence up to 1.5W
Headphone Out	3.5mm headphone jack, 2-channel
Timecode	
Embedded	HDMI & SDI
Time of Day	Yes
Reference / Genlock input	Yes (playback mode only)
LTC	LTC via dedicated BNC input (record mode only)
Wireless AirGlu RF Server and Client	No
Wireless AirGlu BT Server	No
Resolution and Frame Rates (Record, Monitor & Playback)	
6K RAW	Up to 6Kp30 via SDI
4K RAW	Up to 4Kp60 via SDI
2K RAW	Up to 2Kp240 via SDI
4K DCI	Up to 4Kp60
4K UHD	Up to UHDp60
2K DCI 2048 x 1080	Up to 2Kp60
1080p	Up to 1080p120
1080 PsF	Only via pulldown to progressive
1080i	1080i50 / 1080i60
720p	Up to 720p60
Supported Media	
CF Express	Atomos certified CF Express Type B media
USB	Atomos certified USB 3.0 media
File System	ExFAT
Codecs	

Apple ProRes RAW	ProRes RAW, ProRes RAW HQ
Apple ProRes	LT, 422, 422 HQ
Avid DNxHD	DNxHD 220x, 220, 145, 36
Avid DNxHR	LB, SQ, HQ, HQX
H.265	LQ, MQ, HQ, XQ in 8/10-bit, 4:2:2 and 4:2:0
H.264	Not supported
Playback	
Playlist	Yes - create customer playlists from full or sub-clips
Loop	Yes, with user-customizable in/out markers
Apple ProRes Raw	Yes - recorded clips
Apple ProRes	HQ, 422, LT (linear PCM audio only)
Avid DNx	DNxHD: 220x, 220, 145, 36 – DNxHR HQX, HQ, SQ, LB (linear PCM audio only)
H.265	Yes
Recording	
Pre-roll	8s HD / 2s 4K - ProRes, DNxHD only
Timelapse	Yes
ISO recording	4 x ISO up to 1080p60 (3G SDI Level A & B)
Switched program record	Yes
Multi-input Switching	
Dual Input Display	Via multi ISO input mode
Multiple SDI Input	Up to 4 x 1080p60 (3G SDI Level A & B)
Multiview Display	Via multi ISO input mode
Input Switching	Yes
On-screen Monitoring Tools	
Waveform	3 sizes – adjustable opacity & brightness
RGB parade	3 sizes – adjustable opacity & brightness
Vectorscope	2 sizes – adjustable opacity & brightness
1 x Zoom	Yes. 1:1 pixel mapping for 4K
2 x Zoom	Yes
Focus Peaking	Color selected / threshold setting / color / mono / edges only
Atomos False Color	Yes, with scale
ARRI False Color	Yes
EL Zone False Color	Yes
Zebra	Yes, adjustable
Isolate Color Channel	Blue Only
Cine Frame Guides	Presets for 2.4:1, 2.35:1, 1.9:1, 1.85:1, 4:3
Social Frame guides	Presets for 9:16, 1:1, 191:1, 4:5
Onion Skin	Yes
Safe Areas	Action and graphic
Grid Markers	9 grid
Anamorphic Desqueeze	1.25x, 1.33x, 1.5x, 1.6x, 1.65x, 1.79x, 1.8x, 2x
Display Flip	Vertical only
Onboard Signal Processing	
4K UHD downscale for HD	Loop out - 4K UHD to FHD
DCI Crop	Loop out - 17:9 to 16:9 crop
Pulldown removal	24 / 25 / 30 pSF > 24 / 25 / 30p (2:2 pulldown), 60i > 24p (3:2 pulldown)
Remote Control	
HDMI	Auto HDMI trigger, supported protocols - Canon, Sony, Atomos
SDI	SDI trigger camera selectable
Serial 2.5mm Jack	Calibration via optional USB to serial cable
Camera to Cloud	
ATOMOSphere	Direct progressive upload supported (20GB free storage) over Ethernet

Adobe Frame.io	Direct progressive upload supported (separate purchase) over Ethernet
Dropbox	Direct progressive upload supported (separate purchase) over Ethernet