ATOM-USB
Multi-Channel USB Recorder

EvertzAV is a division within Evertz Microsystems exclusively focused on offering the most complete end-to-end AV distribution and visualization solutions for the professional AV industry.
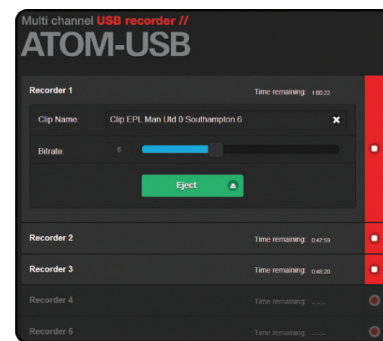
Key Features

- Auto–sensing HD or SD–SDI inputs with looping output
- Up to 5x USB recordings per signal
- Simple to use, one–press recording
- Time remaining countdown display
- High quality H.264 codec with MOV and MPEG–4 files
- ATOM Stop — automatic end–of–drive warning
- GUI for adjustable bit rate codec, 2–10 Mb/s
- 1RU design with up to 5x USB drives
- Compact with redundant power option

ATOM-USB Web User Interface

Quick, Efficient, and Simple to Operate

The ATOM–USB can record up to five individual 3G/HD/SD–SDI video signals on up to five separate USB storage drives for a multitude of broadcast and audio visual applications. This high quality, professional series of devices is quick, efficient, simple to operate, and stores HD video and embedded audio onto standard "off–the–shelf" USB storage drives.

Simple One-Press Recording

Introducing the ATOM Series of Devices

The ATOM series is a comprehensive range of HD digital video recorders featuring integrated USB interfaces for external storage devices. Ideal for cost–effective, high quality applications, the ATOM series is suitable for TV production, sports, streaming, compliance recordings, security, aviation, medical. and houses of worship.

High-Quality H.264 Encoding Ensures Compatiblity with Most Modern Media Players

All video recordings are ready almost immediately, playable on any computer and most modern tablets and smart televisions. The H.264 encoded video files can be recorded in user–selectable bit rates up to 10Mb/s in MOV or MPEG–4 formats, ensuring high quality audio and video in a widely interoperable file format.

ATOM-USB Front

ATOM-USB Rear

ATOM-USB5 Shown

Specifications

USB	USB 2.0, high speed, >15 Mb/s sustained data rate
Codec	H.264
Bitrate	Preset for 5 Mb/s, user adjustable from 2–10Mb/s via Web UI
File Format	MOV and MPEG–4 with AAC audio
Video Inputs (up to 5)	1x 3G/HD/SD-SDI with looping output
Control Ethernet	1x RJ–45
Power Input	10V–24VDC on 2.5mm connector with screw lock
Power Consumption	11–20W, subject to model
Case Finish	Silver/Grey
Dimensions (W x H x D)	17.3in x 1.7in x 13.8in (440mm x 44mm x 350mm)
Weight	2.86-4.41lbs (1.3–2.0kg, subject to model

Ordering Information

ATOM-USB1	Multi-channel USB recorder with 1 USB port
ATOM-USB2	Multi-channel USB recorder with 2 USB ports
ATOM-USB3	Multi-channel USB recorder with 3 USB ports
ATOM-USB4	Multi-channel USB recorder with 4 USB ports
ATOM-USB5	Multi-channel USB recorder with 5 USB ports

Available Accessories

ATOM-USB-PSU	Redundant power supply AC to DC (12V DC)