The ATOM one SSM500 is a full HD digital high-speed camera system developed by Dream Chip Technologies GmbH for the Broadcast Television Industry. The system will embrace broadcasters and sports producers around the world.

ATOM one SSM500 core features

- Sensor: 2/3" CMOS
- Resolution: 1920x1080
- Shutter: Global (1/25-1/10000s)
- Video output: EVS SSM mode or Trigger mode
- Recording time: @500fps 60 seconds
- Frame rate: up to 500 fps
- Dynamic: 300 fps 12 bit - 500 fps 10bit
- SDI output: 5 x 3G SDI
- Sensitivity: ISO 640
- HDR Mode: HLG, PQ
- Mount: C-Mount, optional B4 & MFT Mount
- 1920 x1080 Full HD Framerates: 23.98, 24, 25, 29.97, 30, 50, 50.94, 60, 50i, 59.94i, 60i
- Voltage range: 11V - 36V
- Power: 20W 1.7A@12V
- Control: RS485 and IP
- Temperature: 5-40 Grad
- Weight: 900g
- Dimensions: 190 x 60 x 60mm

Preliminary information. All data may subject to be changed without notice.
**ATOM one SSM500**

**WORKFLOW**

SSM mode

- Up to 4x3G
- Up to 4x 60 fps

3G SDI

Video Router

Trigger mode

- Live - 3G SDI
- Up to 500 fps

REPLAY - 3G SDI

Internal memory
60 seconds of recording in 1080i50

* 2x, 3x, 4x, 6x, 8x SSM mode available depending on the configuration

**Never miss the action anymore!**

Was it a goal? Was it a foul? Which Drone passed first the finish line?

With up to 500 frames per second the Dream Chip Super Slow Motion Camera capture any detail. Because of its size the camera is handy like the other ATOM one cameras and because of that, it can be easily placed on a Polecam or over the basketball net. Users can connect the camera directly to their EVS system and control the slow motion with their standard work flow. But for small production or stand alone applications, the camera also supports internal recording and nothing else but our free of charge ProVideo Software is doing the job then.

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