



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
 Recordingtime: @500fps 60 seconds
 Frame rate: up to 500 fps
 Dynamic: 300 fps 12 bit - 500 fps 10bit
 SDI output: 4x HD-BNC / 3G SDI
 Sensitivity: ISO 640
 HDR Mode: HLG, PQ
 Mount: C-Mount

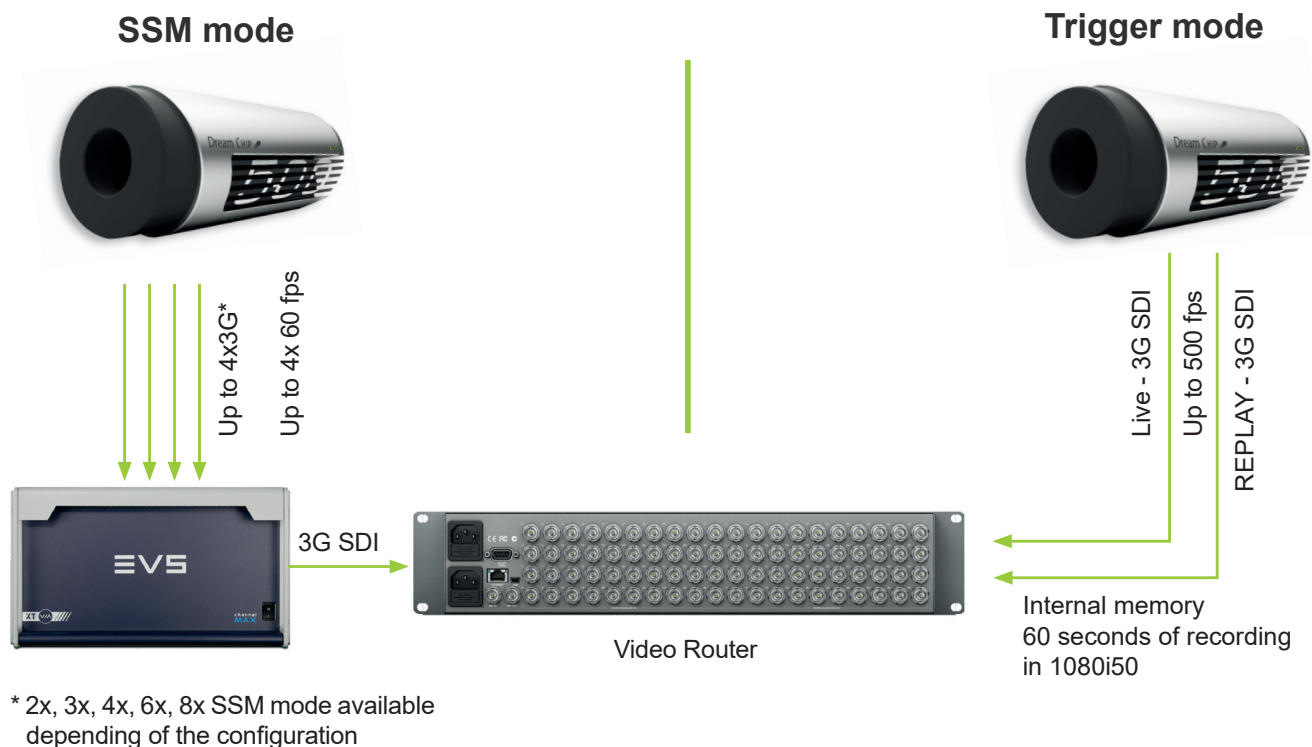
1920 x1080 Full HD Framerates:
 23.98, 24, 25, 29.97, 30, 50, 50.94,
 60, 50i, 59.94i, 60i

Voltage range: 11V - 36V
 Power: 20W 1,7A@12V
 Control: RS485 and IP
 Temperature: 5-40 Grad
 Weight: 400g
 Dimensions: length 165mm, with Ø60

Preliminary information. All data may subject to be changed without notice.



WORKFLOW



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.