ATOM one SSM500

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:	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.

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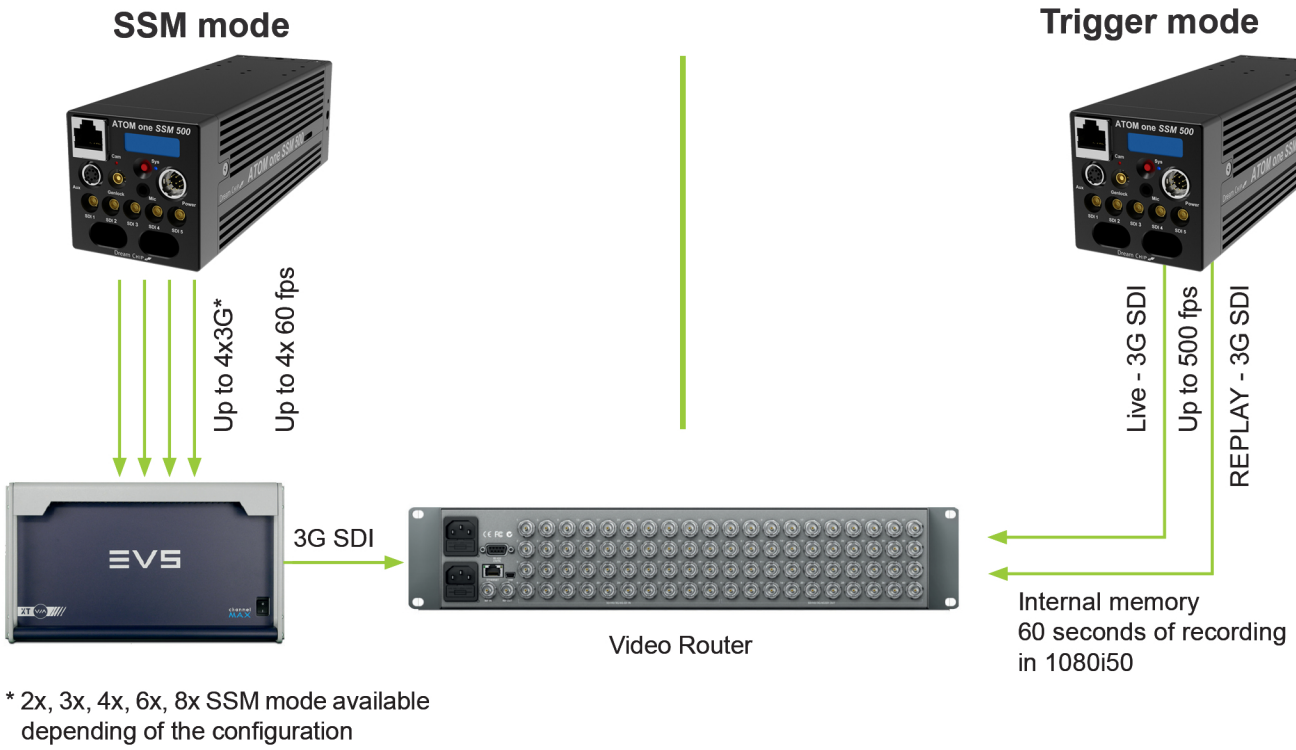
WORKFLOW



* 2x, 3x, 4x, 6x, 8x SSM mode available depending of 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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