

LMC Antelope PICO

The Antelope PICO Extreme Slow Motion and Live Camera System is designed to offer spectacular extreme slow motion and previously unrevealed details from vantage points where no other camera has gone before. AntelopePICO records with up to 520 frames per second in native HD. The system is based on a 2/3" CMOS 2K chip and guarantees high detail and unsurpassed light sensitivity. The unique deflickering technology eliminates lighting related flicker in realtime.

Specifications

Image Sensor	2/3 CMOS
Maximum Frame Rate	350fps at 1080p 520fps at 720p
Number of pixels	2048x1088
Shutter	Global Shutter 1/25-1/10000 sec
Signal System	1080i 50/59.94/60 1080p 23.98/24/25/29.97/30/50 720p 50/59.94/60
Bit depth	10bit
Signal to Noise Ratio	58dB (Y) nominal gain
Light Sensitivity ISO	640 ASA
Light Sensitivity LUX	1500@f8.0 / 0dB gain
Iris operation	Options available
Lens mount	C-Mount / PL-Mount / B4-Mount
Memory	8 GB
Recording Frame Rate	Up to 340 fps in 1080p Up to 520 fps in 720p
Controls	Options available
Video Output	2xHD-SDI LiveOut 2xHD-SDI ReplayOut
Audio Output	No
Control Ports	RS232C XLR female RS485 XLR female
Power Requirements	2-24 VDC1
Power Consumption	Max 20W
Operating Temperature	-20 to 40°C
Dimensions CamHead	55 x 35 x 42
Weight CamHead	300g
Dimensions CCU	230 x 115 x 70
Weight CCU	850g



Applications

- Broadcast
- Film
- Documentary
- Industrial video / inspection

Basic Connection Chart



Features

- Constant 1080i LIVE output
- Separate 1080i Replay Output
- Auto White Balance
- Multibank Recording
- Optional deflicker correction
- Video Enhancement