



Antelope PICO

The Antelope PICO high frame rate and simultaneous live camera is designed to offer spectacular ultra slow motion and previously unrevealed details from vantage points where no other camera has gone before.

The PICO records up to 300 frames per second in native HD. The system is based on 2/3" CMOS 2K chip and guarantees high detail and unsurpassed light sensitivity. The unique de-flickering technology eliminates lighting related flicker in realtime.

The PICO has a complete camera and replay chain. This includes the camera head, OCP control of the CCU with rackable Iris, full replay multi block recording separate live and replay outputs..

Features include:

- Easy integration into OB workflow
- Constant 1080i Live Output
- Separate 1080i Replay Output
- Auto white balance
- Multibank recording
- Optional deflicker correction
- Video enhancement
- 1080p capable

Technical Specifications

Image Sensor	2/3 CMOS
Maximum Frame Rate	350fps at 1080p 520fps at 720p
Number of pixels	2048 x 1088
Global Shutter	1/25-1/1000 sec
System Signal Rates	1080i 50, 1080P 25/50, 720P 50, 10 bit
Bit Depth	10bit
Signal to Noise Ratio	58db (Y) nominal gain
Light Sensitivity ISO	640ASA
Light Sensitivity LUX	1500 @f8.0/0dB gain
Iris Operation	Direct OCP Iris Control
Lens Mount	C-Mount
Memory	8Gb
Video Output	2 x 3G-SDI Live Out 2 x 3G-SDI Replay Out
Audio Output	No
Control Ports	RS232C XLR Female RS485 XLR Female
Power Requirements	12-24 VDC
Power Consumption	20W
Operating Temperature	-20C to +40C
Dimensions of camera	35mm x 43mm x 160mm
Weight of camera	380g
Dimensions CCU	281mm x 222mm x 89mm

