

General Overview

Compact Ultra Slow Motion HD Camera System

The PICO Ultra Slow Motion Live Camera System 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 at up to 300 frames per second in native 1080 HD. The system is based on a 2/3" CMOS 2K chip and guarantees high detail and unsurpassed light sensitivity. The unique de-flickering technology (Interlaced only - Progressive Q3 2017) greatly reduces lighting related flicker in realtime.

Fletcher and EasyLook System have taken the PICO Ultra Slow Motion compact HD camera to new levels by creating a complete camera and replay chain. This includes the camera head, OCP Control of the CCU with rackable Iris, full replay multi block recording and dual single-mode fibre sheds. All of this packs neatly into two compact Peli cases with an accessory kit.



Technical Specifications

• Image Sensor	2/3" CMOS	• Memory	8Gb
• Number of Pixels	2048x1088	• Video Output	2x HD-SDI LiveOut 2x HD-SDI ReplayOut
• Recording Frame Rate	300fps @1080 50i	• Audio Output	No
• Global Shutter	1/25-1/10000 sec	• Control Ports	RS232C XLR Female RS485 XLR Female
• System Signal rates	1080i 50 1080P 25/50 720P 50	• Power Requirements	12-24 VDC
• Bit Depth	10bit	• Power Consumption	20W
• Signal to Noise Ratio	58db (Y) nominal gain	• Operating Temperature	-20C to +40C
• Light Sensitivity ISO	640 ASA	• Dimensions CamHead	35 x 43 x 160 mm
• Light Sensitivity LUX	1500 @f8.0 / 0db gain	• Weight CamHead	300g
• Iris Operation	Direct OCP Iris Control	• Dimensions CCU	230 x 115 x 70 mm
• Lens Mount	C-Mount	• Weight CCU	850g

- COMPACT ULTRA HIGH SPEED HD CAMERA
- UP TO 300 FPS HD1080 50i
- INSTANT PLAYBACK
- CONTINUOUS SEPARATE LIVE OUTPUT
- RECORD AND REPLAY AT THE SAME TIME
- INDUSTRY STANDARD C-MOUNT LENS
- COMPLETE CAMERA CHAIN
- INTERLACED DE-FLICKER OPTION
- LONG DISTANCE FIBRE CONNECTIVITY
- EASY INTEGRATION INTO OB WORKFLOW

