

THE NEWTON STABILIZED HEAD

PHYSICAL SPECIFICATIONS

DIMENSIONS

Max camera size:
210 x 260 x 210 mm (HxWxD).
Packing size:
390 x 170 x 350 mm (HxWxD).

MOUNTING

Mitchell mount or cheese-plate mounted over-slung, under-slung or cantilevered.

WEIGHT

6.8kg / 15lbs.

MAX ROTATION SPEED

180deg/sec.

DISPLAY

2.4" TFT-LCD Color (320 x 240).

MATERIAL

Machined Aluminum.

ROTATION SPECIFICATION

Pan rotation: unlimited.
Tilt: +45/-135 degrees.
Roll: +/-45 degrees.

ENVIRONMENTAL

PROTECTION

Dust and water protected.

TEMPERATURE RANGE

-20°C to +45°C (-4°F to 113°F).

POWER

INPUT SUPPLY

14-25V DC.

BATTERY

2x Sony BP-U90 (14.4V, 7800mAh) batteries.

POWER CONSUMPTION

Standby: 0.1A
Average: 1.5A
Max: 10A

POWER OUTPUT

External supply voltage (14-25V) or; battery voltage (14.4V nom), Max 10A.

DATA-LINK

FREQUENCY

2.4000 - 2.4835 GHz
422Mhz (optional) or;
920Mhz (optional).

MODULATION

Frequency Hopping Spread Spectrum

WIRELESS RANGE

> 1000m

WIRED CONTROL INTERFACE

Ethernet

INTEGRATION

CAMERAS

RED EPIC X / Dragon
CANON C300 / C500*
SONY FS700 / F5 / F55*
PHANTOM FLEX4K
ARRI ALEXA Mini (start/stop)

OPERATOR CONTROLLER TALLY

SONY HDC-P1
GRASS-VALLEY LDX C80

LENS CONTROL

FUJINON digital-drive
CANON HJ14ex4.3 and similar
RED W.M.D
RTMOTION MK3.1

MOUNTING POINT CONNECTORS

2x SDI out
1x Power out
1x Power in
1x Ethernet Control
1x Ethernet Camera Pass-Through
CAN BUS (IA-CAN)

SYSTEM INTERFACE

Ethernet
CAN Bus (IA-CAN)
RS232/422

CAMERA CONNECTORS

2x SDI in
1x Ethernet Pass-Through
1x Power out (camera)
CAN BUS (IA-CAN)

DOMINION CONTROLLER

DIMENSIONS

396 x 209 x 115 mm

MOUNTING

Integrated 100mm NATO accessory rail.
Tripod mount.
Neck strap and harness attachment rail.

WEIGHT

2.2kg / 4.8 Lbs

DISPLAY

5" TFT-LCD Color (800x480)

MATERIAL

Machined Aluminum.

CONNECTORS

2x IA-CAN connectors
2x Power out
1x Power in
1x SD-card
1x USB
1x Ethernet