Recon® Remote Kit

TWO MAN BACKPACKABLE PAN AND TILT ASSEMBLY
WITH REMOTE USER CONTROL STATION

APPLICATIONS
TARGETING
RECONNAISSANCE
SURVEILLANCE
FORCE PROTECTION
SECURITY

FEATURES
Convenient three pack system
Simple set up and tear down
Battery powered (BB 2590)
Precise positioning with variable control
Wireless capability
Lightweight and rugged

BENEFITS
Easily carried by two people
Allows for quick deployment and relocation
Rechargeable Lithium ion batteries allow for complete remote operation
System slew rates allow the use of extended optics with ease
Allows control station to be remotely located up to 700 feet away
Reduces fatigue for long duration missions, weather proof design

Wireless communication modules
Recon® Remote Kit

TRIPOD/PAN & TILT ASSEMBLY
- Direct-drive, stepper motors with optical encoders
- 360° continuous in azimuth, +60°/-60° in elevation
- 0.05° to 35° per second in azimuth, 0.05° to 8° in elevation
- 3 arc minutes
- 14.9 lbs, 6.75 kg
- Black
- Expandable
- 60° maximum (89° with Pan & Tilt), 26° minimum (35° with Pan & Tilt)
- 9.5 lbs, 4.3 kg
- -15°C to 55°C
- 28.7 lbs, 13 kg (includes accessory pads)
- 35° h x 10° w x 5° d

POWER/COMMUNICATIONS ASSEMBLY
- 12.2 lbs, 5.53 kg
- 2.2 lbs, 0.99 kg
- 14” h x 10” w x 8” d
- 24V DC provided by three BB 2590 rechargeable sealed lithium ion cells
- -15°C to 55°C
- Up to 10 hours
- Video: Tx, 0.5 w/ 1W switchable, 8 preset channels
- Data: Rx, RS232, 8 preset channels

CONTROL STATION ASSEMBLY
- 18.9 lbs, 8.57 kg
- 28.9 lbs, 13.1 kg
- 2.5 lbs, 1.13 kg
- 7.8 lbs, 3.54 kg
- Heavy-gauge nylon rip stop fabric with heavy-duty, self-healing zippers
- 8.4” TFT LCD NTSC/PAL, JPEG
- 12V DC provided by two BB 2590 rechargeable sealed lithium ion batteries
- Up to 10 hours
- Video: Rx, 8 preset channels
- Data: Tx, 0.25W, 900 MHz, 8 preset channels
- -15°C to 55°C
- External port for DVR or monitor
- 18” h x 17” w x 14” d

SYSTEM FEATURES
- Two position presets
- RECON camera storage in control station pack
- Storage pouch for 2.5x extender optic or other accessories
- Tripod comes with optional foot pads and spikes
- Total system weight, less RECON camera: ~60 lbs, ~27.5 kgs
- Cabled or wireless versions available
- Maximum cable length for cabled variant: 200 feet (61m)
- Wireless range: 700 feet + (210m +)

OUTPUTS
- Video via BNC

OPTIONS
- 6 bay BB 2590 battery charger/conditioner
- RECON III serial cable adapter (required for non-USB models)
- Omnidirectional video Tx antenna kit
- 120/240V AC Battery eliminator for Control station assembly
- 120/240V AC Battery eliminator for Power communications assembly
- 12V DC battery eliminator cigar plug adapter for control station assembly

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited. ©2012 FLIR Systems, Inc. Specifications are subject to change. Check website: www.flir.com