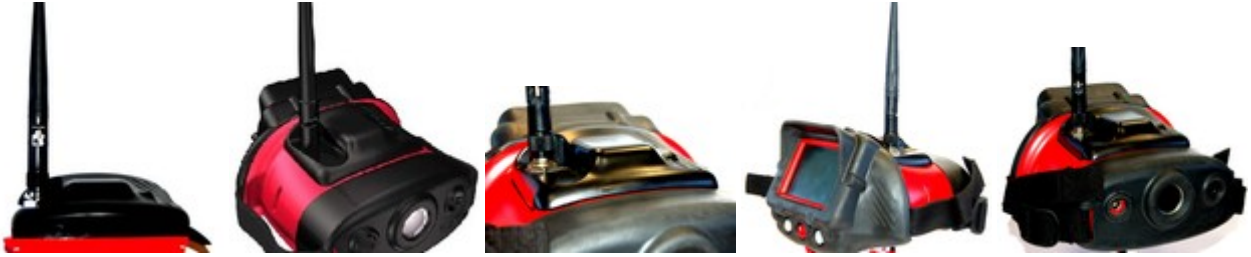


Transmitter Battery Pack



FEATURES

- The Argus4 Transmitter and Battery Pack has been designed to allow the transmission of the thermal image from the camera for remote viewing outside of a fire incident.
- Conveniently and easily fitted to the Argus4 camera in place of the normal battery pack.
- Allows the system to be transferred between cameras.
- Internal Ni-MH rechargeable batteries provide power to the transmitter and the camera and gives approximately 3 hours operation.
- Batteries can be fast charged using the mains charger supplied with the camera or the truck mount charger.
- Easy to operate, the transmitter is powered on or off by holding down the zoom button on the camera.
- Transmitter and Battery Pack is a sealed unit and will survive the same harsh environments that the camera can withstand.

To view the transmitted thermal image, a Remote Receiver Station (P7030RRS) or Receiver Kit (P7030RKT) is required; these products are available separately.

The transmitter operates at 2.4 GHz using digital transmission via Wi-Fi.

WARRANTY

The Argus4 Transmitter Battery Pack is supplied with a one-year warranty.

TECHNICAL SPECIFICATIONS

Compliance Data

EMC - EN 301 489-1 V1.4.1 (2002-08) and EN 301 489-17 V1.2.1 (2002-08) - Radiated
Immunity to 10 V/m

FCC CFR47 Part 15, Subpart B (15.109)
RSS-Gen Issue 1:2005
CISPR 22 (Ref: AUS/NZ 4251.1 for Radiated Emissions)
VCCI: 2001.

Radio Type ETSI EN 300 328 V1.6.1 (2004-11)
Approval – FCC CFR47 Part 15, Subpart C (15.247)
RSS-210 Issue 6:2005
AS/NZS 4771:2000
ARIB STD-T66 V1.0: Dec 1999

Safety - IEC 60950-1 and related national standards
Vibration / Shock - EN 60721-3-2 Class 2M3 (transportation)
RoHS - All parts of the system are RoHS compliant
as per EU directive 2002/95/EC

Environmental Data

Operating Temperature - The Transmitter Battery Pack will operate the Argus4 in the same rugged environments as the standard battery.

Sealing - The Transmitter Battery Pack is sealed to IP56

Storage - The Transmitter Battery Pack can be stored for extended periods. It is recommended that for maximum effective operational life, the storage temperature is kept between –10 °C and +40 °C (14 °F and 104 °F)

Performance Data

Operating Frequency - 2.4 GHz

Range - 350 m (1150 feet) line of sight.
Performance in buildings is dependent upon construction.

Output Power - 100 mW EIRP max.

Transmission Content - 320 x 240 pixel color camera image at 10 frames per second

Transmission Standard - IEEE802.11b

Data rate approximately 600 kbps

MPEG-4 video stream

rtsp protocol accessed on port 554

Mechanical Data

Overall Dimensions with antenna (H x W x D) -

189 x 126 x 69mm

(7.5 x 5.0 x 2.7 inch)

without antenna (H x W x D) - 59 x 126 x 69mm (2.3 x 5.0 x 2.7 inch)

Weight 380 g (14 oz) nominal

Materials outer case - Lexan® and Radel® UL-V0

Electrical Data

Battery Type - Ni-MH Rechargeable

Capacity - 2300mAh

Battery life - >2 hours @ ambient temp

22 °C (72 °F) nominal

Charge time - 2 hours nominal

Note: This device is not immunity related and must not be used as an aid to the control of a vehicle.