

INTRODUCTION

The Argus™4 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.

The Argus™4 Transmitter and Battery Pack is conveniently and easily fitted to the Argus™4 camera in place of the normal battery pack. This allows the system to be transferred between cameras.

The internal Ni-MH rechargeable batteries provide power to the transmitter and the camera and gives approximately 3 hours operation. The batteries can be fast charged using the mains charger supplied with the camera or the truck mount charger.

The transmitter is powered on or off by holding down the zoom button on the camera. A transmitting symbol will appear on the camera display to notify the transmitter is in use.

The 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 Argus™4 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 Approval -	ETSI EN 300 328 V1.6.1 (2004-11) 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 Argus™4 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 dependant upon construction.
Output Power -	100 mW EIRP max.
Transmission Content -	320 x 240 pixel colour camera image at 10 frames per second IEE802.11b
Transmission Standard -	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) - (7.5 x 5.0 x 2.7 inch)	189 x 126 x 69mm
	without antenna (H x W x D) - (2.3 x 5.0 x 2.7 inch)	59 x 126 x 69mm
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
	Charge time -	22 °C (72 °F) nominal 2 hours nominal

Whilst e2v technologies has taken care to ensure the accuracy of the information contained herein it accepts no responsibility for the consequences of any use thereof and also reserves the right to change the specification of goods without notice. e2v technologies accepts no liability beyond the set out in its standard conditions of sale in respect of infringement of third party patents arising from the use of tubes or other devices in accordance with information contained herein.