



INTRODUCTION

The P7030AVBP Argus®4 analogue output battery pack allows analogue video to be viewed on a monitor via the BNC connector on the top. This requires a camera with the additional analogue output function, which is fitted to models P7130/A, P7225 or P7250.

The P7030AVBP is constructed from durable materials with high resistance to heat, water and impact and is sealed to IP67.

FEATURES

- Up to 4 hours battery life
- Standard NTSC video output from suitable camera types

APPLICATIONS

- Argus®4 camera in or near a fixed location, such as a training centre.
- Locating a camera on aerial platforms.
- Demonstration and training.

WARRANTY AND SUPPORT

The P7030AVBP is supplied with a 6-month warranty as standard.

INSTRUCTIONS for USE

Fit the battery to the camera and switch on as normal. To begin sending analogue video from a P7130/A, P7225 or P7250 camera, press and hold the right (transmit) button until the antenna symbol is shown.



Connect a video monitor to the BNC socket. The video output is NTSC/525 line 60 Hz format. This signal can also be connected to the 'Line Input' of suitable recording equipment; normally this is a yellow phono socket.

To stop sending video, press and hold the right (transmit) button until the symbol disappears. A camera may be configured by the user to send video at all times by selecting this option in the customer software.

Battery indication on the P7030AVBP is identical to the standard Argus®4 battery pack, and a P7030AVBP may also be used as a battery on any camera.

To maintain the accuracy of the battery charge indicator, e2v recommends that batteries be occasionally fully discharged in a camera before charging.

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TECHNICAL SPECIFICATIONS

Electrical and Interface

Power	Cells -	Internal 6 x 2500 mAh NiMH batteries
	Input voltage -	Charge only with approved accessories
	Output voltage -	7.2 V nominal
Video	Connector -	BNC 75 Ω
	Format -	1 V p-p 75 Ω NTSC 525 line 60 Hz (EIA RS-170)

Mechanical

(H x W x D) -	60 x 125 x 65 mm 2.4 x 5 x 2.5 inch)
Weight -	315 g (11 oz)

Materials

Battery replacement unit -	Radel [®] R-5100 and Lexan 940
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Compliance

RFI/EMC Emissions -	BS EN 61000-6-3:2007 FCC Part 15B class B ICES-003 Issue 4 AUS/NZ 61000-6-3:2007
RFI/EMC Immunity -	BS EN 61000-6-2:2005
Safety	IEC 60950-1 and related national standards
Vibration / Shock	BS EN 60721-3-2 Class 2M2
Restriction of the use of Hazardous Substances in electrical and electronic equipment (RoHS)	All parts of the system are RoHS compliant as per EU directive 2002/95/EC

Environmental Data

Thermal conditions (Operating) -	Maximum operating temperature 75 °C (165 °F) Minimum operating temperature -10 °C (14 °F)
Thermal conditions (Storage) -	Periodic charging is advised to prevent excessive cell discharge. It is recommended that for maximum effective operational life, the storage temperature be kept between -10 °C and +40 °C (14 °F and 104 °F) when not in use.
Sealing	IP67 BS EN 60529