



SWZ SD

Small, Light Weight Pan & Tilt Camera with Switched Zoom Function

The SWZ SD is a standard definition PTZ camera which provides 360° of pan and 270° of tilt travel. The zoom function is actuated through switching across its four miniature cameras, each of which has a lens with a different focal length.

On the receipt of a zoom command the SWZ SD will flip the video source between each of the four cameras, thus allowing a wide range of zoom angles to be achieved.

As standard the four lens focal lengths are 4, 8, 16 and 35mm, although each of these can be customer defined upon request.

Other than the size advantage, using prime lenses over a varifocal lens also provides a faster lens resulting in better low light performance. It also eliminates the need for small low torque drives often found in zoom lenses which have a tendency to vibrate on vehicle applications, causing picture degradation.

The camera is a compact 55mm diameter design mounted in an environmentally sealed, aluminium CNC machined housing. For mounting a 1/4-20 UNC tripod insert is integrated into its base.

The SWZ SD can be controlled using proprietary VE software applications or other compatible control applications. The camera will respond to messages in Visca or PelcoD on either RS232 or RS485 serial interfaces.

The kit includes a mains power supply and a comms break out cable which connects in to the Fischer connector on the base of the camera.

Overview

Pan & Tilt Camera

Stepped Zoom Function

360° Pan

270° Tilt

Choice of Lens Options

PAL and NTSC Versions

Low Light Sensitivity

Visca and PelcoD Control

Tripod Mount

Compact Size

Rugged Build

Aluminium Casing



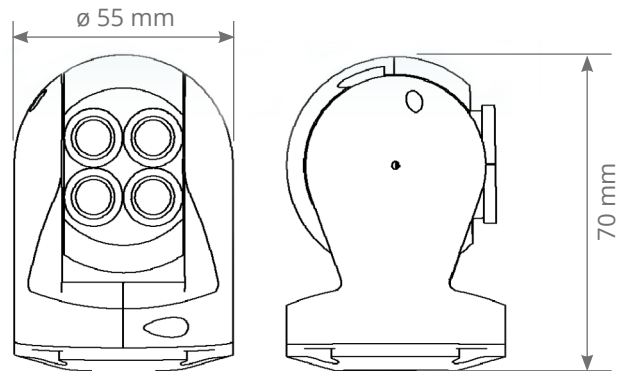
Kit Contents

The kit comes in a foam lined case with the following supplied items:

- ① SWZ SD pan, tilt & zoom camera
- ② Power, comms and video signal cable
- ③ Mains power supply with plug adaptors
- ④ Software and documentation



SWZ SD Kit Part Numbers	
PAL Video	110-2716
NTSC Video	110-2717



Specifications			
Camera Sensor	4 x 1/3" CMOS	Communication Protocol	RS232, RS485
Camera Sensitivity	<0.008 Lux	Control Protocol	Visca, PelcoD
Camera Resolution	>550TVL	Camera Connector	Fischer
SNR	>50dB	Pan & Tilt Range	360° Pan 270° Tilt
Field of View	60° to 7.5° Horizontal	Power Requirement	6-18V DC, 2W
Focal Length	4, 8, 16 & 35mm	Environmental	IP66
Aperture	f2 - f5	Weight	155g
Lens Type	S-Mount, M12	Dimensions	ø 55mm x 70mm
Tripod Mounting	1/4-20 UNC	Casing	Aluminium

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