SWZ-HD

Compact, Pan, Tilt & Zoom IP Camera

The SWZ-HD camera uses multiple lenses and sensors to provide a stepped zoom effect, minimising the size requirement and maximising low light sensitivity.

The SWZ-HD utilises three 1080p imaging sensors, each with a resolution of two mega pixels, these are switched into the integrated ONVIF compliant H.264 encoder.

Each sensor is paired with a lens of differing focal length, providing a 10x optical zoom from a 50mm diameter package.

As standard the SWZ-HD is shipped with 8, 16 & 35mm lenses, providing fields of view from 40° down to 8°. The simple construction of these prime lenses increases the effective aperture, allowing far more light to hit the sensor than would be possible with a conventional optical zoom or varifocal lens.

A PoE variant of the camera is also available. Internal recording is supported by a 32GB SD card, recorded files are retrieved via FTP transfer or through the use of VE software applications.

Configuration is supported via the camera's embedded web pages or via the ONVIF interface.

PTZ control is integrated into the TCP/IP connection and also through the ONVIF control channel.
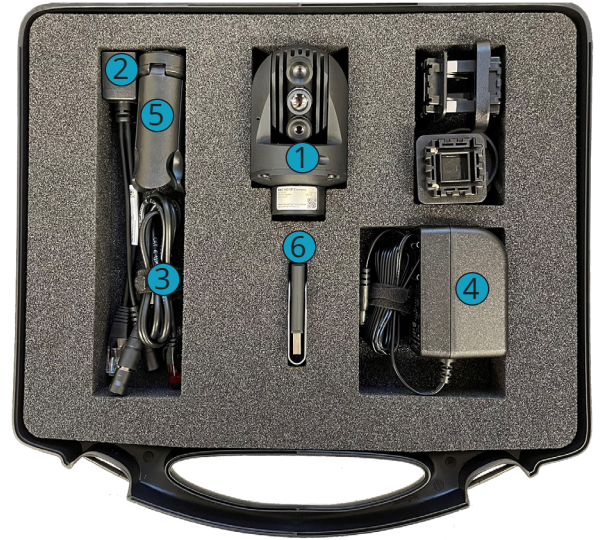
With its internal slip ring the SWZ-HD offers continuous pan and 250° of tilt. The unit is mounted in an environmentally sealed IP65 CNC machined housing.

Overview
PTZ Camera
IP Streaming
PoE Variant Available
ONVIF Compliant
Milestone Supported
360° Pan
250° Tilt
1080p30 Max Resolution
Web Page Configuration
Internal Recording
Software Application Support
Sensitivity to <0.1 Lux
Dual H.264 & MJPEG Streaming
Streaming and Recording < 2Watts
ø50mm, 75mm Tall

SWZ-HD Kit Contents and Part Numbers

①	SWZ-HD Camera	110-3528
②	Passive PoE Cable Set	110-8301
③	Fischer BK1-06 CAT 6 Cable 1m	110-3507
④	AC/DC Power Supply with Adaptors	110-8661
⑤	Joby Micro Tripod, Xshot XSMTRI	110-4079
⑥	Software and Documentation	110-8679

Specifications

Camera Sensors	3 x 2 Mega Pixel, CMOS	**Pan Range**	360°
Camera Sensitivity	< 0.1 Lux	**Tilt Range**	250°
Camera Resolution	Max: 1920 x 1080p30	**Streaming Protocol**	RTSP over TCP or UDP
Max Bit Rate	10Mb/s	**Configuration**	Web Page Interface
Video Encoding	H.264 & MJPEG	**Power Consumption**	< 2W
Streaming Protocol	RTSP over TCP or UDP	**Input Voltage**	9v to 15v
Fields of View	40° 17° & 8° Horizontal	**VMS Compliance**	ONVIF, PTZ Supported
Lens Mount	S-Mount M12 x 0.5mm	**Environmental**	IP65
Recorder Storage	32GB Micro SD Card	**Dimensions**	ø 50mm x 75mm