

IP-PTZ650W - Quick Start Guide



The ZULU IP-PTZ650W has a 33x optical zoom with auto-focus and a 5MP (1080p) sensor.

The PTZ supports 360° endless rotation, up to 200 deg/sec pan speed, up to 100 deg/sec tilt speed. With on board features compatible with the Zip NVR and DVR.



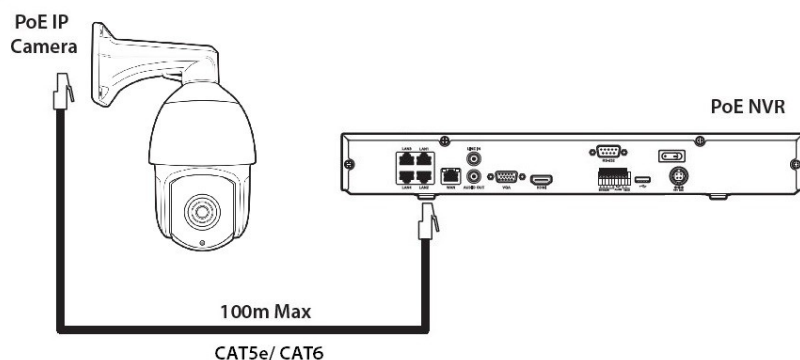
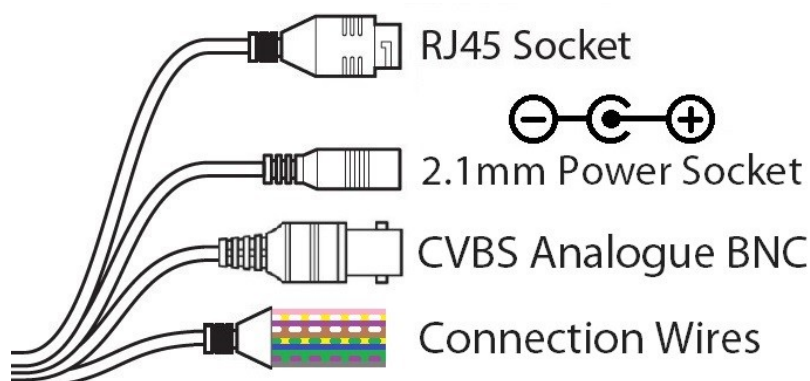
www.systemq.com/PDF/manual/xIP-PTZ650W.pdf

Powering the camera

Option 1 - Power the camera from 12V DC / 24V AC (via the 2.1mm Power Socket).

Connection wires - see overleaf

Option 2 - Power the camera using the PoE(48V) RJ45 Socket. When connecting **ZIP PoE NVR** plug the camera directly into the NVRs built in PoE switch. The camera should automatically become visible after being connected for approximately 2 minutes.



www.zipdvr.com/howto/TIP459-How-To-Add-IP-Cameras.html

Default login details are:-

Default IP	192.168.10.1
User Name	admin
Password	777777
DHCP	ON

Manually Adding IP Cameras to a ZIP

If using a separate PoE switch or an IPmitter (wireless bridge), the camera needs to be manually configured, scan the QR code to the left for the "how to guide".

Searching via a Windows PC

Use the ZipFinder tool to search for ZIP IP cameras on a network via a Windows PC. www.softcctv.com/store/Item/Zip-Finder-IP-CCTV-Security-Camera-Discovery-Tool

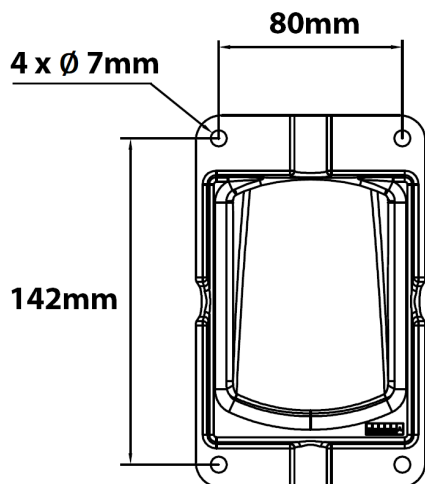
PTZ Control on a ZIP NVR or DVR

1. Click on the image in Live view
2. Click on the PTZ button



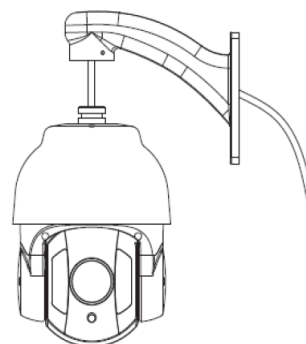
Mounting

1. Mark the hole positions using the mounting bracket or using the measurements on the diagram to the right.



Drill the holes and install the wall plugs.

2. Feed the PTZ cable loom through the bracket, then secure using the short screws provided. Attach the safety cable from the bracket to the dome.



3. Fit the PTZ to the wall using the screws provided. Ensure the PTZ cable enters via a lower position so that water does not run down to the camera. Use silicon sealant around the base and where the cable enters the PTZ. The connections for the camera need to be installed in a waterproof box or similar.

Connection Wires

AUDIO IN	Pink
AUDIO OUT	White/Yellow
AUDIO GND	Purple
RS485+	White/Brown
RS485-	Brown
Ground	Yellow/Green
ALARM IN	Blue
ALARM GND	Green/Purple
ALARM OUT+	Green
ALARM OUT-	Grey

Specifications

Image Sensor	1/ 2.7" Progressive CMOS
Resolution	5MP (2592x1944)
Lens Type	33X Optical Zoom (4.3mm – 141.9mm)
Angle of View	57° Wide x 2.4° Telephoto
Shutter	1/5 ~ 1/20000s
Day/Night	Mechanical (True Day-Night)
Min. Illumination	AGC On: Color: 0.005 lux, B/W: 0.0001 lux, 0 lux with IR
Video Compression	H.264 / H.265
Video Output	CVBS (Analogue) BNC Output
Alarm	1 Input / 1 Output
Audio (RCA)	1 Input / 1 Output
Connection	RJ45 10M / 100M Ethernet PoE
Protocols	TCP/IP,HTTP,DHCP,DNS,DDNS,RTSP,PPPoE,SMTP,NTP,UPnP,FTP
User Logins	Max 5 Simultaneous User Logins
PTZ Control	RS485 or Ethernet PTZ Control
IR Range	Up to 150m
Backlight Control	BLC / D-WDR
Pan Range	360°endless
Presets	255
Preset Speed	Max. 200°/sec
Use	IP66 For External Use
Operating Temperature	-30°C~+60°C
Weight	Approximately 2kg
Input Voltage	PoE (48V) / 24V AC / 12V DC

All specifications are approximate. System Q Ltd reserves the right to change product specifications or features without notice. Whilst every effort is made to ensure that these instructions are complete and accurate, System Q Ltd cannot be held responsible for any losses, no matter how they arise, from errors or omissions in these instructions, or the performance or non-performance of the equipment referred to.

