

TeleZSpin Setup and Operators Guide Ver 3.1

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TeleZSpin Setup

Package Contents

Item No	Quantity	Description	Where used (Item No.)
1	1	Base-plate assembly	2
2	1	Stand assembly with attached handle	1
3	3	Leg/caster assembly	1
4	1	TeleSpin rotational assembly	2
5	1	XLR spiral cable assembly, 4-pin	2,4
6	1	Wall Power Supply, 24VDC with 3 pin XLR	2
7	1	IEC AC line cord	6
8	2	RJ45/Ethernet cable	2
9	4	10-32 X 3/8" truss head bolts	4
10	7	3/8"-18 X 1-1/4" LG. button head bolts	2
11	13	3/8" lock washers	2,3
12	13	3/8" hex nuts	2,3
13	6	3/8" X 2-3/4" flat-head bolts	1,3
14	2	Limit Bolts with washers	4
15	4	M4-12 and M5-12 screws	4
16	1	9/16" wrench	2,3
17	1	1/8" hex key	9,
18	1	5/32" hex key	4
19	1	7/32" hex key	3,13

Assembly Procedure

 Place protective cloth on adjacent table prior to assembly. <u>Carefully note location of all foam</u> <u>pieces before removal from case!</u> Remove top white foam sections, the stand, wall power supply and 3 leg assemblies, placing stand on adjacent table. Note orientation of casters in pink foam assemblies for proper repackaging.

TeleZSpin in Hard Shell Case Package





2) After removing pink foam pieces, remove the baseplate and hardware.



- 3) Place the stand on a table with the bottom edge hanging over the side as shown below.
- 4) Slide baseplate over bottom of stand, noting the correct orientation below. The 2 footswitches are on the same side as the electronic enclosure.



5) Attach the stand to the baseplate using 3/8-18 screws in 7 places. Insert bolts from top of the stand and thru the baseplate. Fasten with lock washer and 3/8" nut. Tighten using 9/16" wrench and 7/32" hex key provided.





6) Attach leg assemblies underside of the baseplate using 3/8 X 2-3/4" bolts as shown. Secure from bottom of each leg using 3/8" nuts and lock washers using 7/32" hex key and 9/16" wrench, included.





7) Connect both halves of the 4 pin connectors located under the baseplate. They are keyed, and will lock together in one orientation only.

Warning: Make sure wires are completely placed inside the notch, otherwise, the wire can be pinched by the baseplate



8) Rotate handle over top of stand and align bolt holes such that handle is in a horizontal position. Fasten with ¼"-28 X 1/2" button head bolts, 3 places each side. Once both sides in place, tighten all 8 bolts with supplied 5/32" hex key.





- 9) Place unit on the floor as shown below (note handle not yet secured in this photo).
- 10) Place TeleSpin module on top of stand tube. Align over electronics enclosure, centered between the footswitches as shown.





11) Secure module with 1/4"-20 screws (4 places) with supplied 1/8" hex key



12) Connect 4 pin XLR coiled cable from bottom of TeleSpin module to electronics enclosure below.





- 13) Connect RJ45/Ethernet cable from RJ45 connector on side of the stand electronics enclosure to a PTZ Camera Controller unit.
- 14) Connect the 3 pin XLR power connector to the "Power" input. Plug AC power cord into IEC connector on the +24V supply and opposite end into wall AC outlet.
- 15) Turn stand power switch to the "ON" position. The red power light will illuminate.



Note: After power is applied, both stand Z-Axis and TeleSpin rotational module will automatically move to their respective home positions.

16) If it's desired to limit the rotation of the TeleSpin module, optional limit bolts with washers can be installed underneath the spin plate. Use 1/8" hex key to tighten. Do not remove the home-limit bolt. The orientation below will limit the rotation to +/- 90 degrees maximum from home position. Threaded holes are placed every 10 degrees.



17) Attach customer-supplied Teleprompting hood to the TeleSpin module by first removing TeleSpin top plate and attaching plate to teleprompting hood, then assemble upper plate to lower plate on TeleSpin as shown using the 10-32 x 3/8" truss head screws (4 places) using Phillips head screwdriver (not supplied).



18) If a teleprompting hood has a prompting monitor below, it can first be secured to the TeleSpin top plate using M4-12 and M5-12 screws (provided) in the standard 75 or 100mm VESA mounting holes.



Configuring the TeleZSpin for PTZ Camera Controller operation

Overview

The TeleZSpin supports various VISCA over IP protocols. This permits it to be controlled by almost all professional-grade PTZ camera controllers, including Sony, PTZ Optics, Skaarhoy, BirdDog, Marshal, Lumens and RocoSoft.

A TeleZSpin must be configured correctly to operate with these various PTZ Camera Controllers. IP settings, IP address, port numbers, transport protocols (UDP or TCP) and the various VISCA or AW protocols can be configured.

There are two methods for configuring the TeleZSpin:

1. Use the built in **Web-Server**. The default IP address is 192.168.0.100. Type this address into any Web browser (Firefox, Google Chrome ...)

Note:

To use the Web-Server, the LAN of the PC must be configured to be on the same network as the TeleZSpin

Also, the Web-Server cannot configure the specific type of Controller Protocol, Sony VISCA, VISCA, VISCA Serial The TeleZSpin app must be used for this

Default IP	192.168.0.100
User Name	admin
Password	admin

 Download PresenterTek's TeleZSpin configuration app. Please contact PresenterTek for instructions on where to download this app Note:

To use all the features of the TeleZSpin app, namely the Controller Protocol and Firmware Version, the LAN of the PC must be configured to be on the same network as the TeleZSpin

Web-Server Configuration

a) Power up TeleZSpin unit: a RJ45 ethernet cable must be connected to PC and the TeleZSpin, via either direct connection or an ethernet switch.

b) Enter TeleZSpin IP address into any web browser:

Default IP 192.168.0.100

Once the Login page appears, input the following:

User name: admin Password: admin

After the correct login credentials are inputted, the following should appear:

Web-Server Screenshot, Status Tab

	: Rev. 1.0	
Presente	er TeleZSpin Web Interface k	PresenterTek
Current Status	parameter	Help
Ethernet Config	Module Name: TeleZSpin	Current IP
Protocol Confia	Current IP Address: 192.168.0.100	Address:
P-ht	MAC Address: 9c-a5-25-aa-3d-b6	TeleZSpin's IP add
Rebool		MAC Address: Machine Address
		TeleZSpin

To change the modules IP address, Subnet Mask, Gateway or DNS Server, go to the Ethernet Config Tab. The following will appear. After changes are made, click "Save" and then "Restart Module"

Web-Server Screenshot, Ethernet Config Tab

8 192.168.0.100

Presenter Tek	TeleZSpin Web Interface	Presenter
Current Status	parameter	Help
Ethernet Config	IP type: Static IP 🗸	• IP type:
Protocol Config	IP Addr: 192 · 168 · 0 · 100	Static IP on
Reboot	Subnet Mask: 255 · 255 · 255 · 0	• IP Addr: TeleZSpin's
	Gateway: 0 · 0 · 0	• Subnet Ma
	DNS Server IP: 8 . 8 . 8 . 8	255.255.25
	Save Cancel	 Gateway: Usually Rou address
		DNS Serve
		DNS IP Add

To change the TeleZSpin's port number, Protocol Mode, PTZ camera controller's port number or PTZ camera controller's IP address, click to the Protocol Config tab. The following screenshot will appear, and after all changes are made, click "Save" and then "Restart Module". Restarting the module can take up to 15 seconds.

After the "IOT Device Restarted "page appears, cycle power on the TeleZSpin stand.

Web-Server Screenshot, Protocol Config Tab

192.168.0.100

TeleZSpin Webpage Rev	<i>.</i> 1.0	
Presenter Tek	TeleZSpin Web Interface	PresenterTek
Current Status	parameter	Help
Ethernet Config	TeleZPpin Port Number: 52381 (0-65535)	
Protocol Config	PTZ Controller Port Number: 52381 (1-65535)	
Reboot	Protocol Mode: UDP Client V	
	PTZ Controller IP: 192.168.0.10	
	[192.168.0.10]	
	Save	

PresenterTek's TeleZSpin app

- a. Download and install the TeleZSpin app. Contact PresenterTek support for further instructions
- b. Power up TeleZSpin unit. An ethernet cable must be connected to PC and the TeleZSpin, either direct connect or via an ethernet switch
- c. Launch app

TeleZSpin App Screenshot

TeleZSpin (Configurati	on					-		
eZSpin Lis	st			Settings disp	ayed for: [TeleZS	pin1]			
D	evice IP	Device Name	MAC Address	Tele7Spin ID	102.100.0.101	Protocol Mode			
19	2.168.0.10	TeleZSpin1	9C-A5-25-AA-3D-B6	relezspini	192.168.0.101	TOTOCOLIMIOUC	UDP SERVER	~	
1	92.168.0.102	TeleZSpin2	F4-70-0C-70-D4-87	Subpet Mask	255 255 255 0	Controller Protocol	MICCA	201	
•				Sublict Wask	255.255.255.0		VISCA	~	
				Gateway	192.168.0.1	Controller Port	52381		
						_	-		
				DNS	8.8.8.8	Controller IP	192.168.13.100		
Click on D	evice to Re	ad its Settings				Firmana Van		-	
	1			TeleZSpin Port	52381	Firmware ver:	1.01		
	Sear	h for TeleZSpin	(5)	4	_	1201101201212	-		
		4				Save Settings			
		/				1			
		1							
		/	Status						
		/	Settings displayed fo	r: [TeleZSpin1]					
					/				
	d.	Click on "Sea	arch for TeleZSpi	n(s)"					
	e.	Select desire	ed TeleZSpin to c	onfigure/ from I	ist /				
			·	Ŭ	/				
				/					
	f.	Input desired	l changes on righ	t hand [′] side.					
					/				
	g.	When finishe up to 5 seco	ed, click "Save Se nds.	ettings". The mo	odule will a	utomatically re	boot. This	can ta	al

i. To verify correct settings, after TeleZSpin has rebooted, click "Search For TeleZSpin(s)" and then select desired unit

Note: If the PC is not configured to be on the same LAN as the TeleZSpin, the Controller Protocol and the Firmware Version will not be readable. A Yellow "Connection Error" message will appear in those boxes

Configure for Sony's RM-IP10 or Sony RM-IP500 controller

Both controllers use Sony VISCA protocol, UDP client at port 52381. The IP address of the Sony PTZ camera controller, as well as its port number of 52381 must also be entered.

The TeleZSpin must be set to Sony VISCA over IP protocol using the TeleZSpinConfig app. UDP Client must be selected and the Controller IP must match that of the Sony controller

Web Server		
Ethernet Config Tab		
	IP Addr:	Must match controller
		setting for the
		TeleZSpin. Camera
		addresses typically start
		at 192.168.0.101
	Subnet Mask:	Configure for LAN
	Gateway	Configure for LAN
	DNS Server IP:	N/A
Protocol Config Tab		
	TeleZSpin Port Number	52381
	PTZ Port Controller	52381
	Number	
	Protocol Mode	UDP Client
	PTZ Controller IP:	Must match setting on
		Sony Controller's IP
		address. Default is
		192.168.0.100
TeleZSpinConfig App		
	TeleZSpin IP	Must match controller
		setting for the
		TeleZSpin. Camera
		addresses typically start
		at 192.168.0.101
	Subnet Mask	Contigure for LAN
	Gateway	Contigure for LAN
	DNS	N/A
	I eleZSpin Port	52381
	Protocol Mode	UDP Client
	Controller Protocol	Sony VISCA
	Controller Port	52381
	Controller IP	Must match setting on
		Sony Controller. Default
		is 192.168.0.100

The Sony controller default IP address is 192.168.0.100

Sony's RM-IP Setup application configuration:

- a) Power up TeleZSpin stand. An ethernet cable must be connected to PC and the TeleZSpin, either directly connected or via an ethernet switch.
- b) The TeleZSpin's Protocol Mode must be UDP Server at Port 52380
- c) When the port number is changed, the power must be cycled on the TeleZSpin unit.

Web Server		
Ethernet Config Tab		
_	IP Addr:	N/A
	Subnet Mask:	Configure for LAN
	Gateway	Configure for LAN
	DNS Server IP:	N/A
Protocol Config Tab		
_	TeleZSpin Port Number	52380
	PTZ Port Controller	N/A
	Number	
	Protocol Mode	UDP Server
	PTZ Controller IP:	N/A
TeleZSpinConfig App		
	TeleZSpin IP	N/A
	Subnet Mask	Configure for LAN
	Gateway	Configure for LAN
	DNS	N/A
	TeleZSpin Port	52380
	Protocol Mode	UDP Server
	Controller Protocol	Sony VISCA
	Controller Port	N/A
	Controller IP	N/A

- d) Launch RM-IP app
- e) "TSpin" should appear after approximately 10 seconds on the camera tab. If it does not appear, click "Refresh" button, or go to the Controller tab and back to the Camera Tab.

Sony's RM-IP Setup Tool. Camera Tab and Camera Table Screenshots

nera	Controller C	amera Table					
Cam	era List						
Г	Name	MAC address	IP address	Subnet mask	Gateway address	Vers	Message
	TSpin	F4-70-0C-6A-C1-14	192.168.0.100	255.255.255.0	0.0.0	2.10	Configuration is protected (read only).
-							
-							
-							
							Defrech I ID sectors I forth

CTL	1 (192.168.0.1	MAC ; 0) • 94-D	address Fil B-56-25-33-BF (€ Unused	Name [] P address [] [] [] [] [] [] [] [] [] [3	
F	Group - No	Camera Name	MAC address	IP address	Messane		
Ē	Group1-1	TSpin	F4-70-0C-6A-C1-14	192.168.0.100			
H	Group1-2	Contraction of the second s					
ñ	Group1-3						
Ē	Group1-4						
$\overline{\Box}$	Group1-5						
	Group1-6						
	Group1-7						
$\overline{\Box}$	Group2-1						
	Group2-2						
	Group2-3						
	Group2-4						
	Group2-5						
	Group2-6						
L.							
H	Group2-7						

After assigning the TeleZSpin (TSpin) to the Camera Table, ensure the TeleZSpin is returned to the standard Sony VISCA over IP settings (UDP Client, Port = 52381) as described above prior to using the PTZ controller.

Note: When the port number for the TeleZSpin is changed back to 52381, <u>the power must be</u> <u>cycled on the TeleZSpin unit</u> for it to take effect.

Configuration for PTZ Optics SuperJoy Controller:

The PTZ SuperJoy can either be configured for Sony VISCA over IP or VISCA Over IP Note: SuperJoy Default IP is 192.168.100.89

Sony VISCA Over IP

Web Server		
Ethernet Config Tab		
_	IP Addr:	Must match PTZ
		controller setting
	Subnet Mask:	Configure for LAN
	Gateway	Configure for LAN
	DNS Server IP:	N/A
Protocol Config Tab		
	TeleZSpin Port Number	52381(Default, but can
		be changed in the PTZ
		controller)
	PIZ Port Controller	N/A
	Protocol Mode	UDP Server
T 1 70 1 0 5 4	PIZ Controller IP:	N/A
Tele2SpinConfig App		
	TeleZSpin IP	Must match controller
		setting for the TeleZSpin
	Subnet Mask	Configure for LAN
	Gateway	Configure for LAN
	DNS	N/A
	TeleZSpin Port	52381(Default, but can
		be changed in the PTZ
		controller)
	Protocol Mode	UDP Server
	Controller Protocol	Sony VISCA
	Controller Port	N/A
	Controller IP	N/A

VISCA Over IP

TeleZSpin must be set to VISCA over IP protocol using the TeleZSpin Config App. In addition, UDP Server and Port 1259 must be selected.

Web Server		
Ethernet Config Tab		
	IP Addr:	Must match controller's
		setting for the
		TeleZSpin.
	Subnet Mask:	Configure for LAN
	Gateway	Configure for LAN
	DNS Server IP:	N/A
Protocol Config Tab		
	TeleZSpin Port Number	1259
	PTZ Port Controller	N/A
	Number	
	Protocol Mode	UDP Server
	PTZ Controller IP:	N/A
TeleZSpinConfig App		
	TeleZSpin IP	Must match controller's setting for the TeleZSpin

Subnet Mask	Configure for LAN
Gateway	Configure for LAN
DNS	N/A
TeleZSpin Port	1259
Protocol Mode	UDP Server
Controller Protocol	VISCA
Controller Port	N/A
Controller IP	N/A

Configure for PTZ Optics Windows Controller app The Windows PTZOptics controller app uses TCP Server at port 5678.

TeleZSpin must be set to VISCA protocol using the TeleZSpinConfig App. In addition, TCP Server and Port 5678 must be selected.

Web Server		
Ethernet Config Tab		
	IP Addr:	Must match PTZ
		controller's setting
	Subnet Mask:	Configure for LAN
	Gateway	Configure for LAN
	DNS Server IP:	N/A
Protocol Config Tab		
_	TeleZSpin Port Number	5678
	PTZ Port Controller	N/A
	Number	
	Protocol Mode	TCP Server
	PTZ Controller IP:	N/A
TeleZSpinConfig App		
	TeleZSpin IP	Must match PTZ
		Controller's setting
	Subnet Mask	Configure for LAN
	Gateway	Configure for LAN
	DNS	N/A
	TeleZSpin Port	5678
	Protocol Mode	TCP Server
	Controller Protocol	VISCA
	Controller Port	N/A
	Controller IP	N/A

Configure for BirdDog's / Lumens/ Marshall PTZ Camera Controllers

Note: for reliable operation. Camera settings on the controller must be set to Camera Type = General

Web Server		
Ethernet Config Tab		
	IP Addr:	Must controller's setting
	Subnet Mask:	Configure for LAN
	Gateway	Configure for LAN
	DNS Server IP:	N/A
Protocol Config Tab		
	TeleZSpin Port Number	52381
	PTZ Port Controller	N/A
	Number	
	Protocol Mode	UDP Server
	PTZ Controller IP:	N/A
TeleZSpinConfig App		
	TeleZSpin IP	Must match PTZ
		Controller's setting
	Subnet Mask	Configure for LAN
	Gateway	Configure for LAN
	DNS	N/A
	TeleZSpin Port	52381
	Protocol Mode	UDP Server
	Controller Protocol	BirdDog with Header or
		BirdDog No Header.
		Must match controller
		setting
	Controller Port	N/A
	Controller IP	N/A

Configure for Panasonic AW Camera Controllers

Web Server		
Ethernet Config Tab		
	IP Addr:	Must controller's setting
	Subnet Mask:	Configure for LAN
	Gateway	Configure for LAN
	DNS Server IP:	N/A
Protocol Config Tab		
	TeleZSpin Port Number	80
	PTZ Port Controller	N/A
	Number	
	Protocol Mode	TCP Server
	PTZ Controller IP:	N/A
TeleZSpinConfig App		
	TeleZSpin IP	Must match PTZ
		Controller's setting
	Subnet Mask	Configure for LAN
	Gateway	Configure for LAN
	DNS	N/A
	TeleZSpin Port	80
	Protocol Mode	TCP Server
	Controller Protocol	Panasonic AW
	Controller Port	N/A
	Controller IP	N/A

Operation:

Operation via PTZ Controller

Typically, the TeleZSpin unique IP address will also be assigned to a unique Camera number. Use the Up/Down/PanLeft/PanRight on the Joy Stick for both Z axis and Spin movement. Preset positions, pan and tilt speeds are also configurable using the PTZ Controller.

Note: the PTZ Camera Controller will not operate the TeleZSpin until both axes, the rotation and Z-axis are completely initialized after a power cycle.

Manual Operation via Foot Switches

Two up/down momentary foot switches are mounted to the baseplate for Z-axis motion. The TeleSpin rotational module can be manually moved into position.

Note: If the TeleSpin rotational axis is manually moved, the assigned preset positions will no longer be valid. The TeleZSpin must be rehomed by either using the "Reset the Camera" from the PTZ controller, or by cycling the power on the TeleZSpin.

Demo Mode

If the PTZ Remote Control has a Backlight button, select the current TeleZSpin. The Backlight button will toggle a demo mode operation.

Firmware Upgrade Procedure

The firmware can be upgraded using a Windows PC app. Please contact customer support for the app and the necessary upgrade files

- 1. Install PresenterTek's Bootloader app by double clicking Setup.exe and following the instructions
- Install PresenterTek's TeleZSpin app by double clicking Setup.exe and following the instructions. This is not necessary if you already know the TeleZSpin's IP address and Subnet mask
- 3. Connect an ethernet cable from the PC to the TeleZSpin.

Note:

Disconnect any PTZ Camera controller or any other device that may attempt to communicate with the TeleZSpin.

No other devices can communicate with the TeleZSpin during the firmware upgrade process. Disconnect any PTZ Camera controller. A direct connection from the PC to the TeleZSpin is recommended

4. Ensure that the PC is on the same local network as the TeleZSpin. With Windows 10 Settings -> Network & internet->LAN-Properties

Using the TeleZSpin Configuration app. TeleZSpin IP = 192.168.0.101 Subnet mask = 255.255.255.0

70	reeningarution			5 mil 1	11 1717011			
ZSnu	cist	1		Settings display	ed for: [leleZSpin]			
	Device IP	Device Name	MAC Address		\frown	_	1	
Þ.	192.168.0.101	TeleZSpin	F4-70-0C-70-D4-D2	TeleZSpin IP	192.168.0.101	Protocol Mode	UDP SERVER	Y
-								
			N=	Subnet Mask	255.255.255.0	Controller Protocol	VISCA	~
							-	
				Gateway	0.0.0.0	Controller Port	8234	
_				DNS	8.8.8.8	Controller IP	192.168.0.50	
	n Device to Pead its	s Settings						
Click o	I Device to Read its							
Click o	n Device to Read its			TeleZSpin Port	52381	Firmware Ver:	1.01	
Click o	Se	arch for TeleZSpin(s)	TeleZSpin Port	52381	Firmware Ver:	1.01	
Click o	Sea	arch for TeleZSpin(s)	TeleZSpin Port	52381	Firmware Ver:	1.01	
Click o	Sea	arch for TeleZSpin(s)	TeleZSpin Port	52381	Firmware Ver: Save Settings	1.01	
Click o	Sea	arch for TeleZSpin(s)	TeleZSpin Port	52381	Firmware Ver: Save Settings	1.01	
Click o	Sea	arch for TeleZSpin(s)	TeleZSpin Port	52381	Firmware Ver:	1.01	

With Windows 10 Settings -> Network & internet->LAN-Properties

PC

IP = 192.168.0.50 Subnet mask = 255.255.255.0

 sevetheleistepparcon Find a setting Getting System Baccont & devices Accounts Apps Accounts Accounts Time & language Genring Manual Head Manual Head M	Settings mcnerney steve Net	work & internet	> Ethernet	
 System System Butcoth & devices Network & internet Personalization Apps Accounts Time & language Garning Accessibility Privacy & security Windows Update Mindows Update Mindows Update Mindows Update Accessibility Windows Update Note how the PC's IP address and Subhet mask are on the same LAN as the TeleZ The LP assignment must be set to Manual (or Static IP). Not DHCP. 	ind a setting Q	Unidentified network		^
 Butcoth & devices Network & internet Personalization Apps Accounts Time & language Gaming Network & scurity Privacy & security Windows Update Windows Update Note how the PC's IP address and Subnet mask are on the same LAN as the TeleZ 	System	Authentication settings		Edit
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 Personalization Apps Accounts Time & language Gaming Accessibility Privacy & security Windows Update Windows Update Unk speed (Receive/Transmit: 100/100 (Mbps) Link speed (Receive/Transmit: 100/100 (Mbps) Lin	Network & internet	Set a data limit to help control o	data usage on this network	
 Apps Accounts Time & language Gaming Accessibility Privacy & security Windows Update Windows Update Windows Update Windows Update IP-4 gateway: 192.168.0.1 IP-4 datfress: 192.168.0.1 IP-4 DNS servers: 88.8.8. (Unencrypted) In-4 DNS servers: 192.168.0.50 IP-4 DNS servers: 192.168.0.50 IP-4 datfress: 192.168.0.50 IP-4 DNS servers: 192.168.0.50 <	Personalization		-	
 Accounts Time & language Gaming Accessibility Privacy & security Windows Update Windows Update IPV4 address: 192 168.01 IPV4 gateway: 192 168.01 IPV4 gateway: 192 168.01 IPV4 gateway: 192 168.01 IPV4 gateway: 192 168.01 IPV4 dadress: 192 168.01 IPV4 dadress: 192 168.05 IPV4 DNS servers: 88.88 (Unencrypted) Ink-local IPV6 address: 190 2168.05 IPV4 DNS servers: 192 168.05 IPV4 DNS servers: 192 168.05 IPV4 DNS servers: 192 168.05 IPV4 DNS servers: 100 2168.05 IPV4 DNS servers: 100 2168.05 IPV4 DNS servers: 100 1700 (Mbps) IPV4 address: 192 168.05 IPV4 DNS servers: 100 1700 (Mbps) IPV4 address: 100 170 (Maps) IPV4 address IPV4 ad	Apps	IP assignment:	Manual	
 Time & language IPv4 gateway: 192168.01 Gaming Accessibility Privacy & security Windows Update Windows Update IPv4 datress: ref80-red0x518.4daadz680%11 IPv4 datress IPv4 datress IPv4 datress	Accounts	IPv4 address: IPv4 mask:	255.255.255.0	Edit
 Gaming Manual Note how the PC's IP address and Subnet mask are on the same LAN as the TeleZ The IP assignment must be set to Manual (or Static IP) Not DHCP 	Time & language	IPv4 gateway:	192.168.0.1	
Accessibility Privacy & security Windows Update Ink-tocal IPv6 address: 100/100 (Mbps) Link-tocal IPv6 address: 100/100 (Mbps) 100/100	Gaming	DNS server assignment:	Manual	Edit
 Privacy & security Windows Update Link speed (Receive/Transmit: 100/100 (Mbps) Link-local IPV6 address: fe80:ed0b1b4:dsad:2680%11 IPV4 address: fe80:ed0b1b4:dsad:ed0b1b4:dsad:ed0b1b4:dsad:ed0b1b4:dsad:ed0b1b4:dsad:ed0b1b4:dsad:ed0b1	Accessibility	IPv4 DNS servers:	8.8.8.8 (Unencrypted)	Lan
Windows Update Windows Update IPV4 address: 192.180.5.0 IPV4 DNS servers: 88.8.8 (Unencrypted) Manufacturer: Realtek Description: Realtek PCIe GbE Family Controller Driver version: 1.00.14 Physical address (MAC): 04-0E-3C-92-88-10 Note how the PC's IP address and Subnet mask are on the same LAN as the TeleZ The IP assignment must be set to Manual (or Static IP) Not DHCP	Privacy & security	Link speed (Receive/Transmit):	100/100 (Mbps) fe80::ed0:11b4:daad:2680%11	Сору
IPv4 DNS servers: 88.8.8 (Unencrypted) Manufacturer: Realtek Description: Realtek PCIe GbE Family Controller Driver version: 1.0.0.14 Physical address (MAC): 04-0E-3C-92-88-10 Note how the PC's IP address and Subnet mask are on the same LAN as the TeleZ The IP assignment must be set to Manual (or Static IP) Not DHCP	Windows Update	IPv4 address:	192.168.0.50	
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Note how the PC's IP address and Subnet mask are on the same LAN as the Telez The IP assignment must be set to Manual (or Static IP) Not DHCP		Driver version: Physical address (MAC):	1.0.0.14 04-0E-3C-92-B8-10	
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Note how the PC's IP address and Subnet mask are on the same LAN as the TeleZ The IP assignment must be set to Manual (or Static IP). Not DHCP	0			
The fir assignment must be set to Manual (of Otation). Not brief	Note how the P0 The IP assignme	C's IP address and must be set	and Subnet mask are on the same LAN as t to Manual (or Static IP). Not DHCP	the Telez

8. Click "Get Firmware Version" If a Firmware Version is displayed. The PC is correctly connected to the TeleZSpin

😰 TeleZSpin Firmware Upgrade		ο×
TeleZSpin found at 192.168.0.101:52381	Product Select Firmw TeleZSpin V Get Firmware Version V1	are Version
Connect PC directly to TeleZSpin, PC must be configured Power On TeleZSpin ,Wait Until Initialized	within same subnet	
Start		
9 Click "Start" the following should appear		

Click Start the following should appear

TeleZSpin Firmware Upgrade			- 🗆 ×
eleZSpin found at 192.168	.0.101:52381	Product Select TeleZSpin Get Firmv	Firmware Version ware Version V1.01
tand module found, Read lick Continue to select (ly to Update Firmware upgrade file		
Continue			
10. Click Pres "Tele	t "Continue" and selec enterTek. The firmwa eZSpinBootLoader_U	ct correct update file, upgrade file w are upgrade file name will be in the pdateVXXX.hex"	vill be supplied by e format
TeleZSpin Firmware Upgra	de		>
TeleZSpin found at 192	. 168.0. 101:52381	TeleZSpin V Get Firmware Version	mware Version V1.01
TeleZSpin found at 192 115437 Bytes Read Fr Do not turn off TeleZ Start Upgrade	.168.0.101:52381 om File: C:\Users\steve\Dropbo Spin or close app while upgra	Get Firmware Version	mware Version V1.01 les\TeleZSpinBootLoader_UpdateV101.hex
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TeleZSpin found at 192 115437 Bytes Read Fr Do not turn off TeleZ Start Upgrade 11. Click 12. Wait Do eth rec if t 13. If all	a "Start Upgrade" s "Start Upgrade" s until Firmware upgra on ot interrupt the Firm pernet cable or poweri quire an corrupted firm his occurs goes well, the followin	TeleZSpin Get Rmware Version ox/TeleStepper/FirmwareProjects/VISCA_IP\ProgFil ode is complete Mote: nware upgrade process by closing filing off the TeleZSpin. This may commware upgrade procedure. Please of the mare upgrade procedure. Please of the should appear:	mware Version V1.01 les\TeleZSpinBootLoader_UpdateV101.hex the app, removing the rupt the firmware and contact technical support
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14. Click "Exit", Cycle the power on the TeleZSpin. To verify, relaunch the BootLoader app and check that the firmware version is correct