



PTZ  
Controller

泽纬特控制键盘

ZowieKBD  
Camera Control

Manual

User Manual



NDI Vizrt

C V1.0 2025





- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

- 7.
- 8.
- 9.
- 10.
- 11.

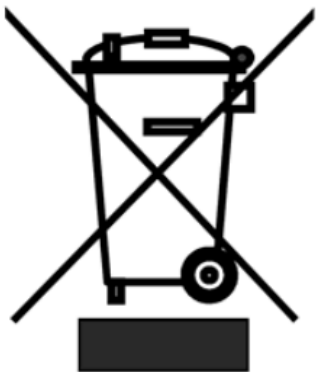
ZowieKBD

12.

“ ”

13.

- a)
- b)
- c)
  
- d)
- e)



- WEEE

1.	.....	5
1.1	.....	5
1.2	.....	5
1.3	.....	5
2.	.....	6
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2.2	.....	7
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# 1.

## 1.1

ZowieKBD PTZ 7D

ZowieKBD 41 6 Sony VISCA VISCA over IP

NDI ONVIF Pelco D/P

OSD

5 LCD HDMI 4K30

Tally ZowieKBD

ZowieUI ZowieAPI Windows macOS Android Linux API

ZowieKBD PTZ

## 1.2

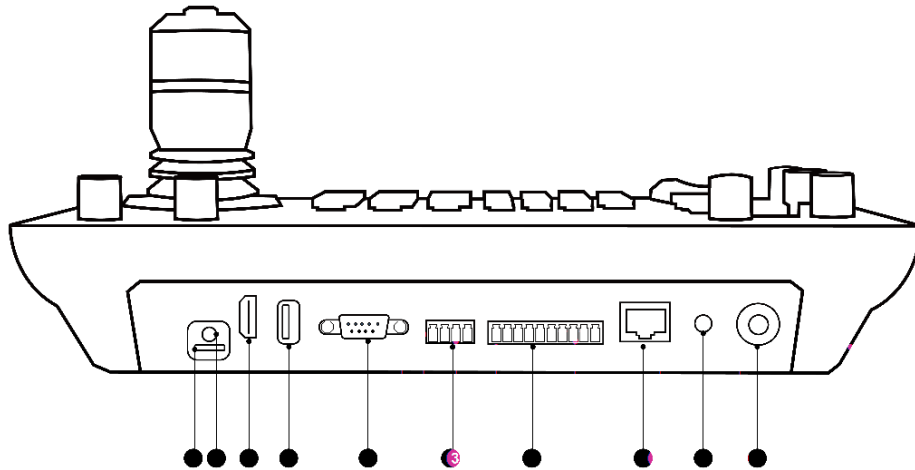
- PTZ 41 6 7D
- 5 LCD HDMI 4K30
- VISCA VISCA over IP NDI HX1/HX2/HX3 ONVIF Pelco D/P
- 
- 
- GPIO /
- PC Web UI RESTful API
- DC PoE
- OEM/ODM

## 1.3

PTZ	X1
	X1
RS422/485	X1
Tally	X1
	X1

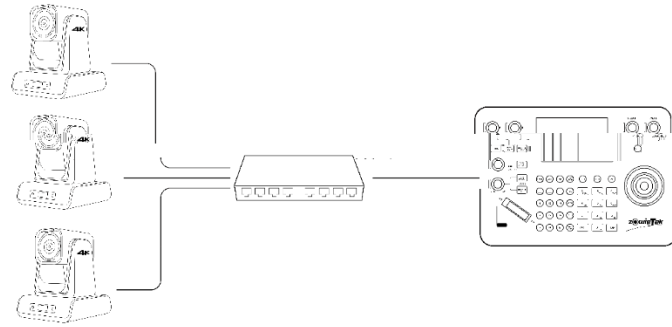
## 2.

### 2.1



NUM		
1	TF	
2		
3	HDMI	
4	USB	
5	RS232	RS232
6	RS422/RS485	RS422/RS485
7	Tally/ GPI I/O	Tally
8		ZowieKBD /
9		
10		/ ZowieKBD

## 2.2



1

Sony VISCA VISCA over IP NDI ONVIF



2

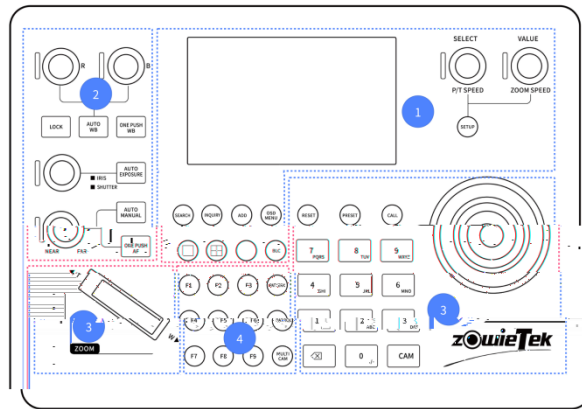
- DC**      **12V 1A**
- PoE**    *ZowieKBD*                      *PoE/PoE+*                      *PoE*                      *LAN*
- PoE*                      **CAT5e**                      **LAN**

3

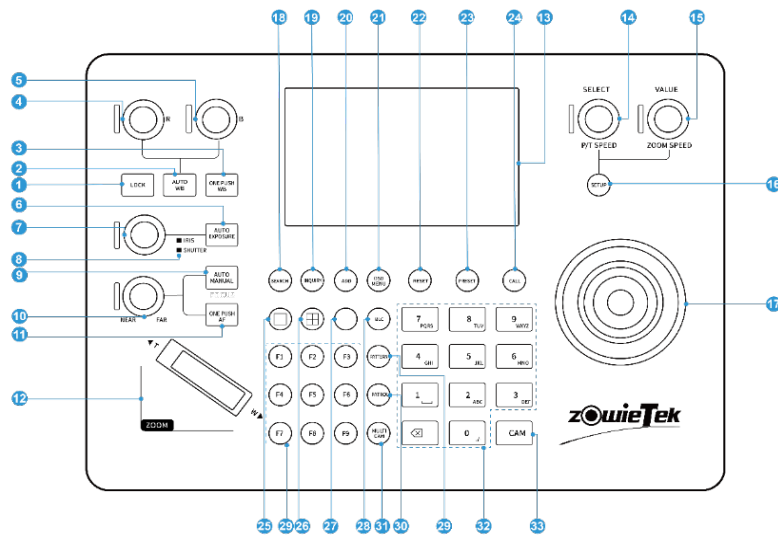
—      *ZowieKBD*

## 2.3

### ZowieKBD



NUM		
1	LCD	ZowieKBD
2		
3		/ / / /
4	Fn	



1.

ZowieKBD

2.

/ / / / /

3.

4.

5.

6.

/ / / /

7.

	±
	±
	+/-
	/

8.

/



9. /

/ /

10.

/

11.

12.

13. LCD

14. P/T

/

15.

16.

/

17.

18.

Sony VISCA/ONVIF/NDI

19.

/ /

20.

IP VISCA(UDP)/IP VISCA(TCP)/ONVIF/VISCA/Pelco D/Pelco P/NDI/Sony VISCA

21. OSD

/ OSD

22.

23.

24.

25.

26.

27. HDMI

HDMI /LCD

28. BLC

29.

30.

31.

+ Multi CAM








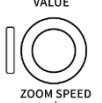
32.

-

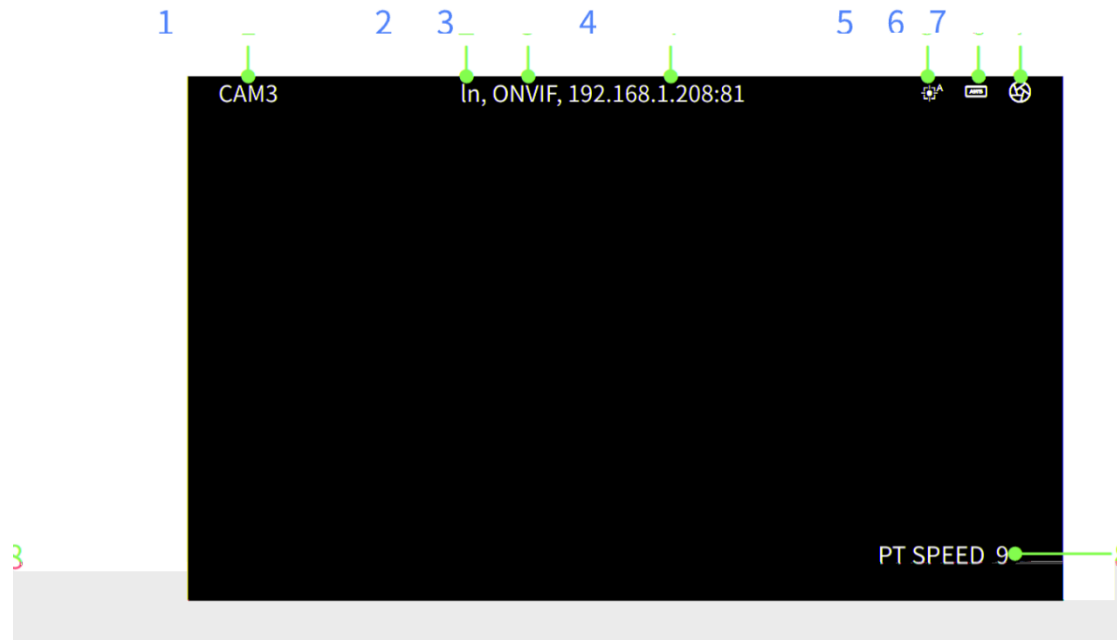
33.

+ CAM

## 2.4

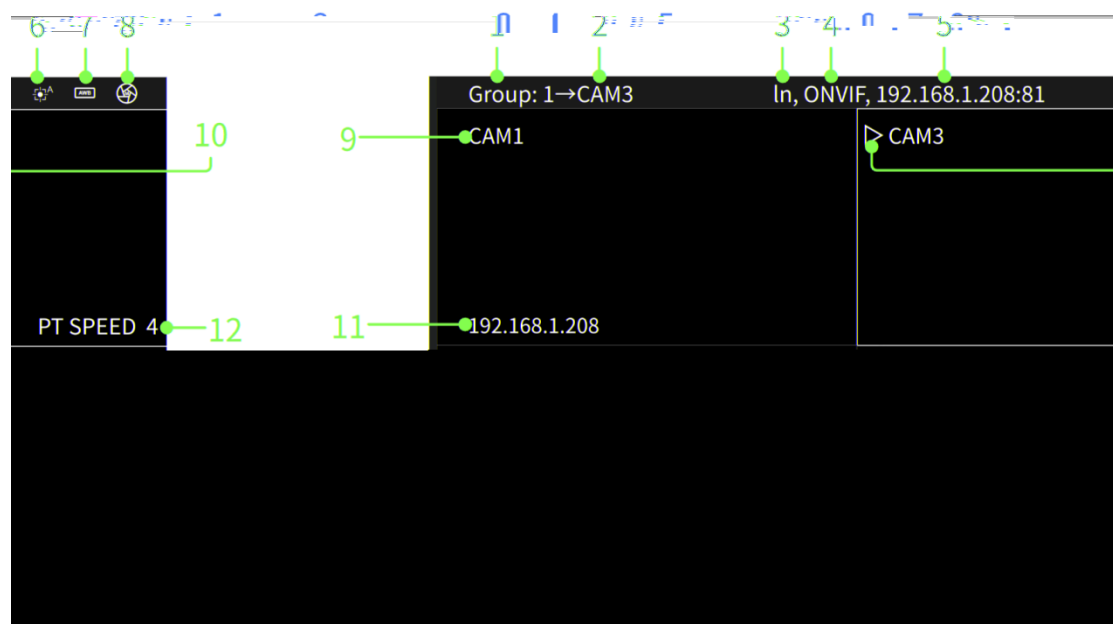
		/
		/
		/
		
+		
1~4 +		
		/
		OSD

2.5.1



- 1.
- 2.
- 3.
- 4. IP
- 5.
- 6.
- 7.
- 8.

## 2.5.2



- 1.
- 2.
- 3.
- 4.
5. IP
- 6.
- 7.
- 8.
- 9.
- 10.
11. IP
- 12.

## 2.6

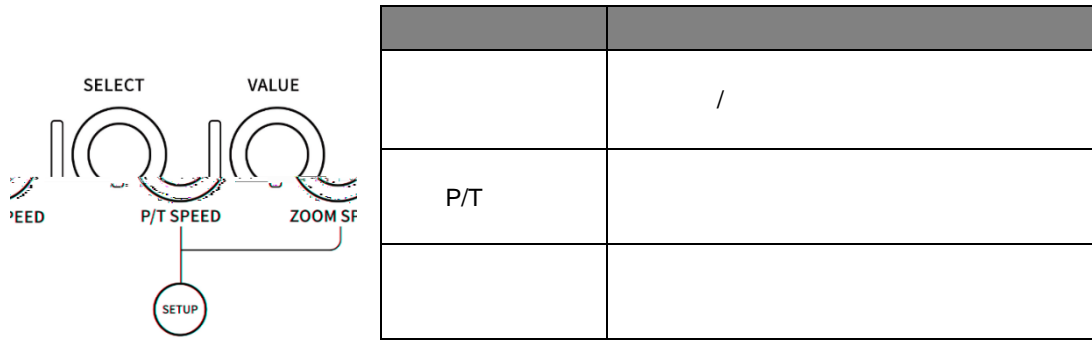
1



/	
/	

:

2



3.

### 3.1 NDI®

NDI

NDI

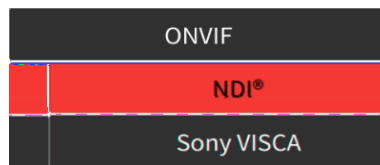
27

NDI

1 NDI



NDI



“ / / ”

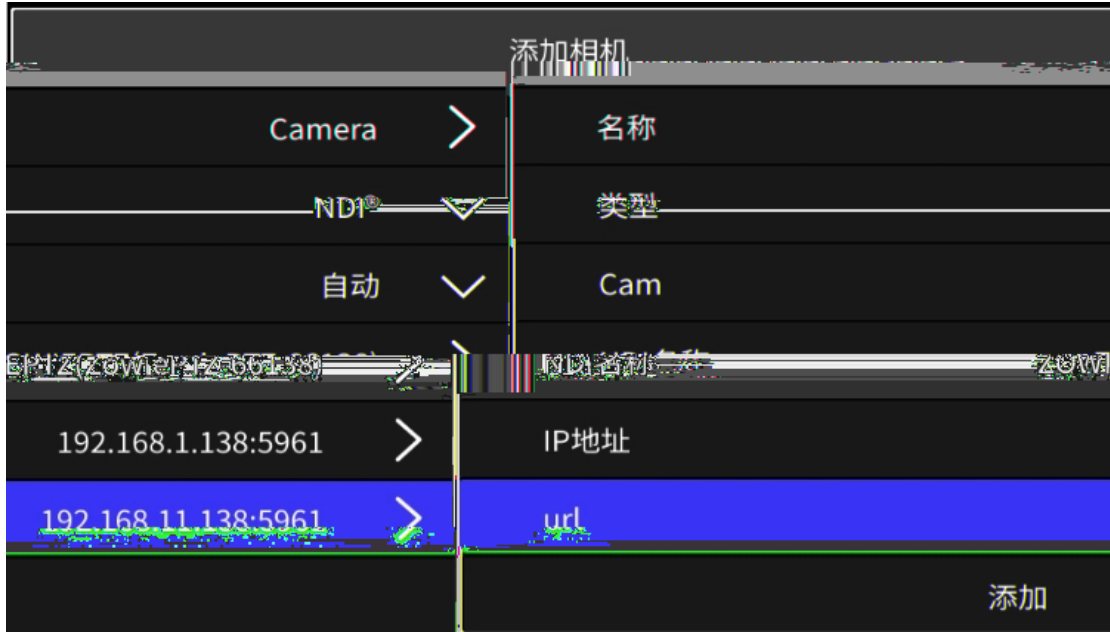
2

NDI



-> CAM

->



NDI NDI NDI



NDI NDI NDI

NDI - ZOWIEPTZ (ZowiePTZ-66138)

NDI IP URL NDI 5961

“ ”

1. ->; -> NDI
  2. “P/T SPEED” “ZOOM SPEED”
- VALUE “ / / ”
- ZOOM SPEED

## 3.2 ONVIF

# 1 ONVIF



ONVIF



->

ONVIF



ONVIF搜索				
1	IPCamera	192.168.1.6	8000	-
2	ZowiePTZ-16023	192.168.1.21	2000	-
3	ZowiePTZ-00001	192.168.1.23	2000	-
4	ZowiePTZ-66628	192.168.1.37	2000	-
5	ZowiePTZ-66138	192.168.1.42	2000	-
6	ZowiePTZ-25657	192.168.1.44	2000	-
添加		全选		刷新

“ / / ”

ONVIF

RTSP

ONVIF



# 2 ONVIF



->

->

”



ONVIF  
2000

ONVIF IP

ONVIF

RTSP

ZowiePTZ

“ ”

### 3.3 Sony VISCA

#### 1 Sony VISCA



Sony VISCA



-->

-->

Sony VISCA



“ / / ”

RTSP

RTSP

Sony VISCA



#### 2

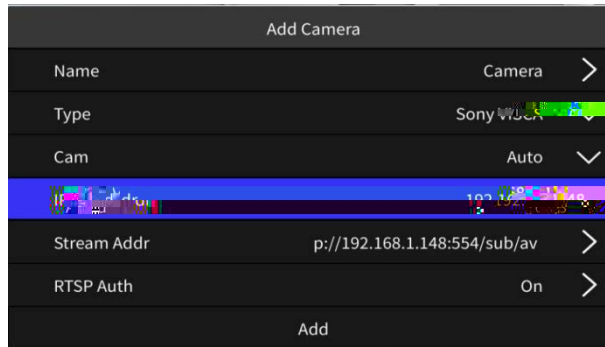
#### Sony VISCA



-->

--> CAM

-->



Sony VISCA

IP

RTSP URL

RTSP

“ ”

26

RTSP

### 3.4 VISCA Over IP



CAM

”

VISCA over IP (UDP)/VISCA over IP (TCP)

RTSP      IP      UDP/TCP      ZowiePTZ      TCP 5230      UDP 1259

RTSP      RTSP

### 3.5



-->

-->

--> Add

VISCA/PELCO D/P

ZowiePTZ

9600

VISCA: 1 PELCO D: 1 PELCO: 0

RTSP

RTSP URL

RTSP

### 3.6



-->

“ / / / ”

CAM列表			
CAM1	Camera-ZowiePTZ 16023	192.168.1.21	ONVIF
CAM2	Camera	192.168.1.1259	VISCA over IP(UDP)
CAM3	Camera	1-9600	VISCA

添加组   编辑   添加   删除

NDI

NDI

NDI

ONVIF

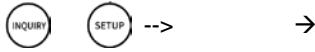
ONVIF

ZowieKBD

CAM1(ZowiePTZ-16023-ONVIF-rtsp://192.168.1.21:554/sub/av)	
用户名	admin >
密码	admin >
RTSP鉴权	关 >
RTSP用户名	admin >
RTSP密码	admin >
配置	SubProfileToken v
保存	选择
	删除

### 3.7 /

1:



" "

CAM列表				
✓CAM1	Camera-ZowiePTZ-16023	192.168.1.21	ONVIF	🔗
✓CAM2	Camera	192.168.1.1259	VISCA over IP(UDP)	🔗
✓CAM3	Camera	1-9600	VISCA	🔗
✓CAM4	Camera-ZOWIEPTZ---	192.168.1.42:5962	NDI*	🔗
添加组    编辑    添加    删除				

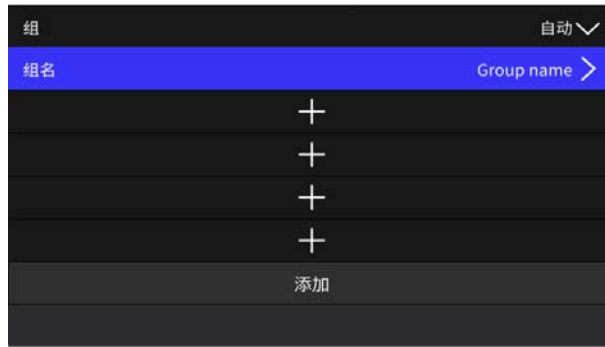
CAM列表				
CAM1(1)	Camera-ZowiePTZ-16023	192.168.1.21	ONVIF	🔗
CAM2(1)	Camera	192.168.1.1259	VISCA over IP(UDP)	🔗
CAM3(1)	Camera	1-9600	VISCA	🔗
CAM4(1)	Camera-ZOWIEPTZ---	192.168.1.42:5962	NDI*	🔗
添加组    编辑    添加    删除				

2



组列表		
Group1	Group name	CAM #1,2,3,4
编辑    添加    删除		

" + "



## 3.8 /

1



2:



1



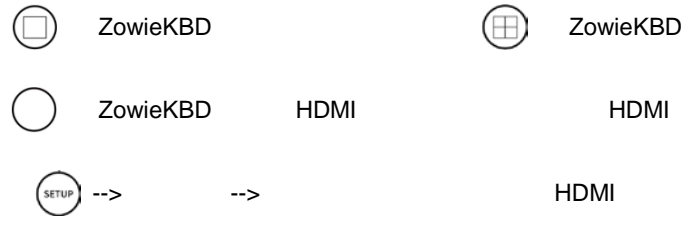


2



1. ZowieKBD
- 2.
- 3.
4. / ZowieKBD /

### 3.9 / /HDMI



P/T SPEDD





2. ZowieKBD  
IP

ZOOM SPEED

ZowieKBD

ZowieKBD

Chipid



ZowieKBD

“

NDI”

“

NDI”

ZowieKBD



## 4.2 NDI /

ZowieKBD

NDI HX1/HX2/HX3

NDI

NDI/RTSP

NDI

### NDI



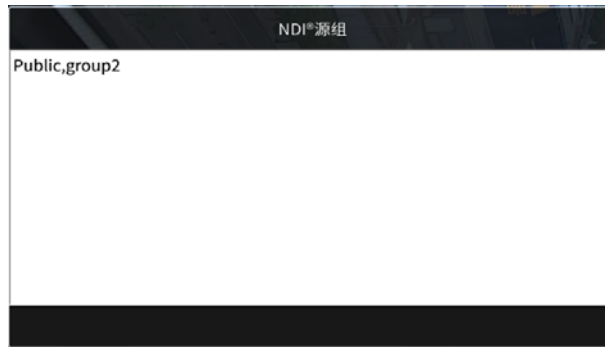
-->NDI

NDI

Public



P/T SPEED (.)

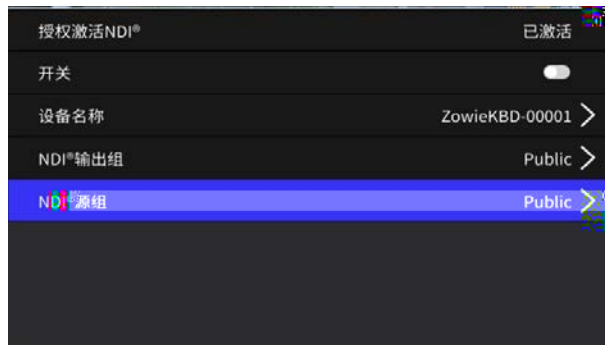


NDI



--> NDI

NDI



NDI

NDI

NDI

P/T SPEED

“ ”



ZowieKBD

Full NDI

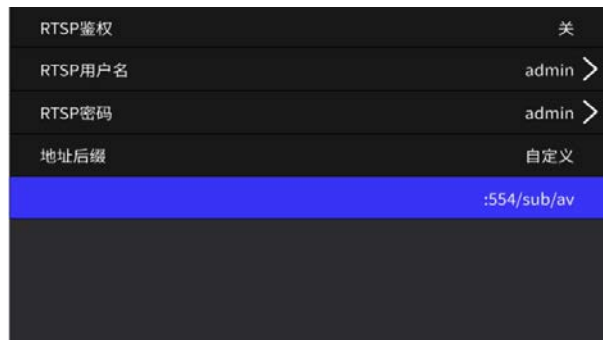
NDI HB

## 4.3 RTSP /

Sony VISCA VISCA over IP VISCA Pelco -D/P  
RTSP

RTSP

SETUP --> -->RTSP RTSP  
“ ” RTSP URL “ ” P/T RTSP  
URL



RTSP



## 4.4 /

ZowieKBD

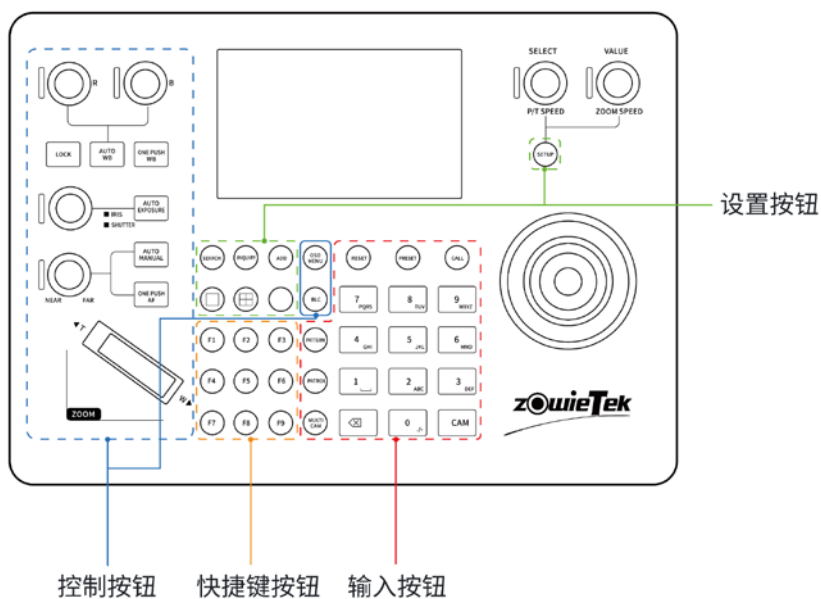
LCD

SETUP --> -->

显示设置	
UI主题	默认
按键灯光亮度	100%
按键风格	自定义
控制键区	粉色
设置键区	白色
输入键区	蓝色
快捷键区	蓝色

UI

ZowieKBD



				Fn

## 4.5

ZowieKBD



-->

ZowieKBD

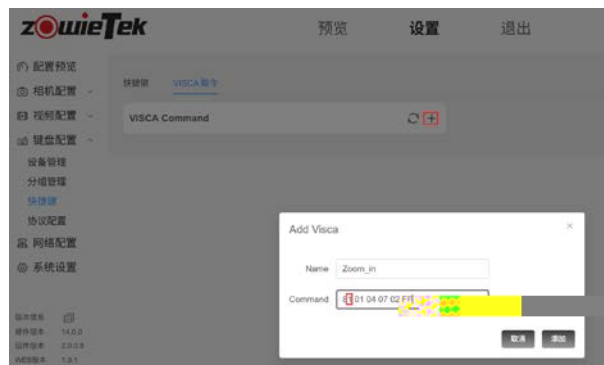




4. “+”  
VISCA

VISCA

VISCA



VISCA

VISCA

VISCA

VISCA

VISCA

VISCA Over IP

## 4.7



ZowieKBD

## 4.8

ZowieKBD SD U

1

1.

<https://zowietek.cn/documents/>

2. /

ZOOM SPEED



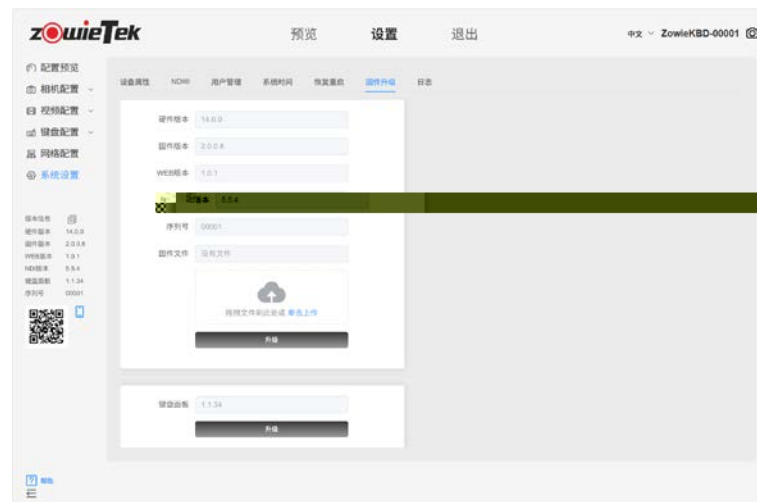
ZowieKBD IP

3. IP

admin

-->

-->



4. “ ”

ZOWIEKBD.001

5.



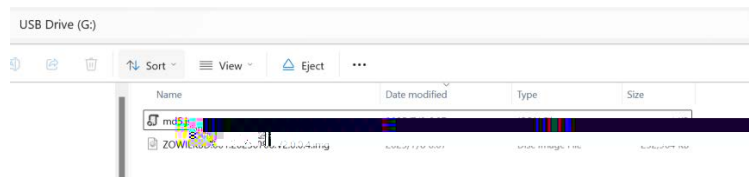
2 U /TF  
 ZowieKBD U TF Fat32/exFAT U /TF

1. ZowieKBD

<https://zowietek.cn/documents/>

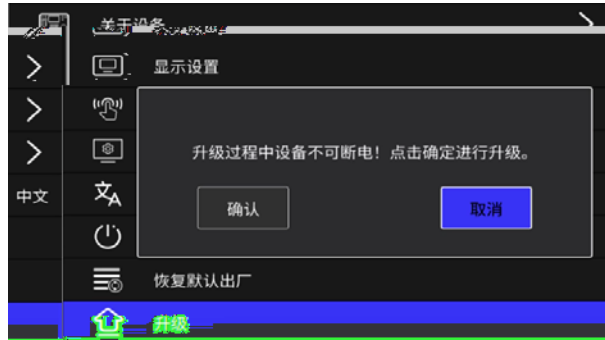
2. U /TF

ZowieKBD



1 U TF ZowieKBD (SETUP) --> -->


2 ZowieKBD USB




## 4.9 Tally - GPI / O

Tally          Sony VISCA   VISCA          VISCA over IP   UDP/TCP

Tally

Tally	
	
1	Tally 1
2	Tally 2
3	Tally 3
4	Tally 4
5	Tally 5
6	Tally 6
7	Tally 7
8	
9	

 --> Tally

Tally /

### Tally

- 1.
- 2.
- 3.
- 4.

Tally

/

PVW

PGM

Tally 1  
1 Tally PVW 1 1 Tally 1

## Tally

Tally

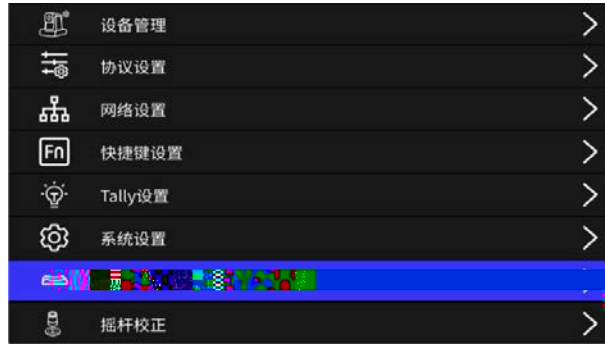
PVW PGM Tally

1 1 Tally PGM Tally

1. VISCA Tally

2. Tally

## 4.10



## 4.11 ZowieKBD



ZowieKBD

## 4.12

ZowieKBD

DHCP

ZowieKBD

DHCP

IP

ZowieKBD IP




DHCP  
IP

IP  
IPv4

DNS

ZowieKBD

## 5. RS232

		
1	DCD	
2	RXD	
3	TXD	
4	DTR	
5	GND	
6	DSR	
7	RTS	
8	CTS	
9	RI	

ZowieKBD

RXD

TXD

ZowieKBD

TXD

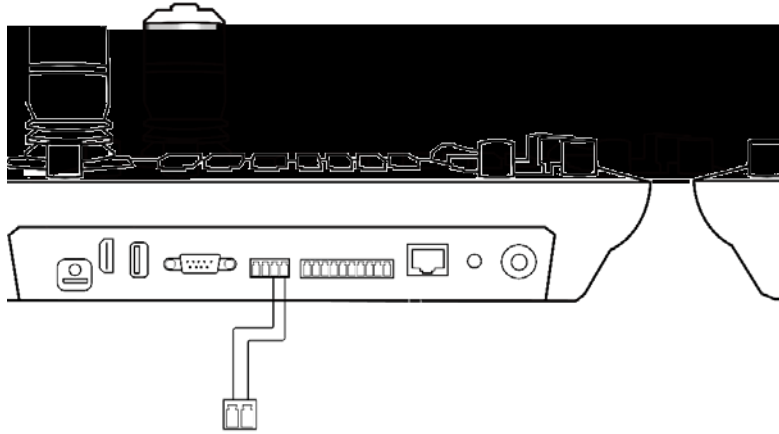
RXD                      ZowieKBD                      GND                      GND  
 ZowieKBD              RS232                      RS232

19

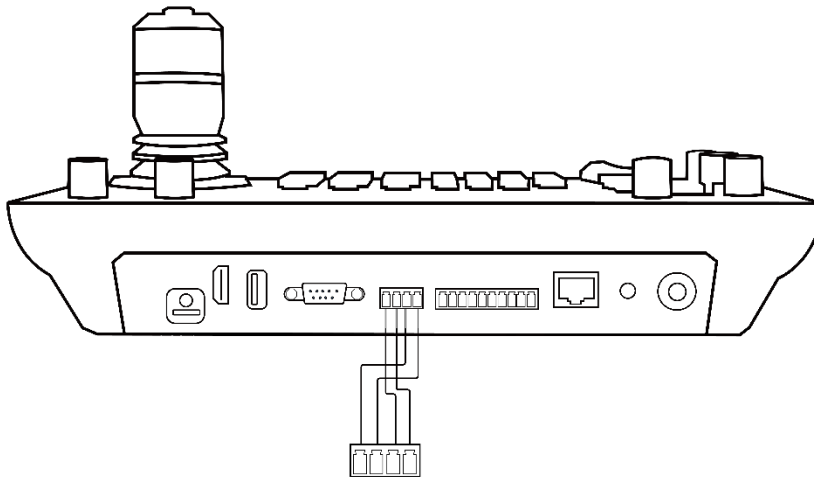
## 6. RS485/422

1

ZowieKBD TX+                      RS485+                      ZowieKBD TX-                      RS485-



2



ZowieKBD TX+                      RX+                      ZowieKBD TX-                      RX-                      ZowieKBD  
 RX+                      TX+                      ZowieKBD RX-                      TX-

ZowieKBD	TX+		RX+	ZowieKBD	TX-		RX-
	TX+		RX+		TX-		RX-
		TX+	ZowieKBD	RX+			TX-
ZowieKBD	RX-						

