



Z
ler

zowieKBD PT
era Control

User Manual





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

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

ZowieKBD

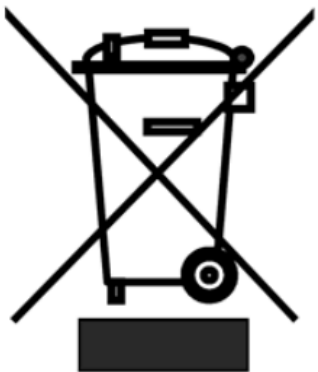
12.

“ ”

13.

- a)
- b)
- c)

- d)
- e)



- WEEE

1.	5
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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

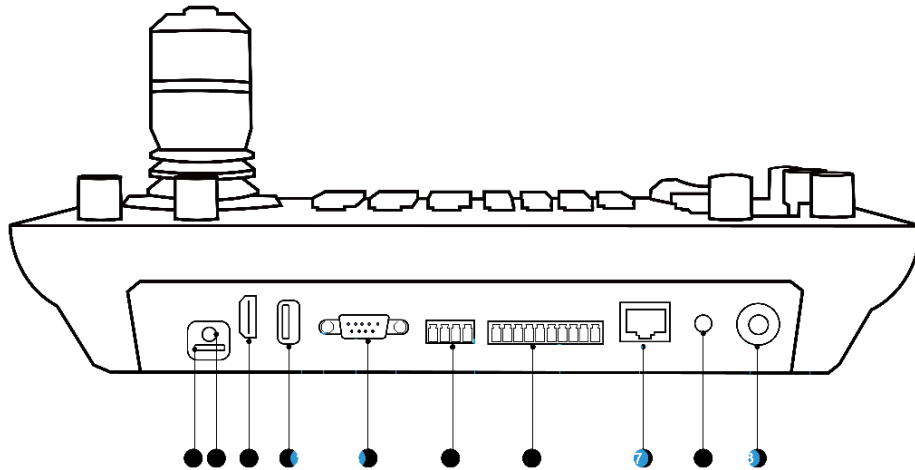
- PTZ 41 6 7D
- 5 LCD HDMI 4K30
- VISCA VISCA over IP NDI HX1/HX2/HX3 ONVIF Pelco D/P
-
-
- GPIO /
- PC Web UI RESTful API
- DC PoE
- OEM/ODM

1.3

PTZ	X1
	X1
RS422/485	X1
Tally	X1
	X1

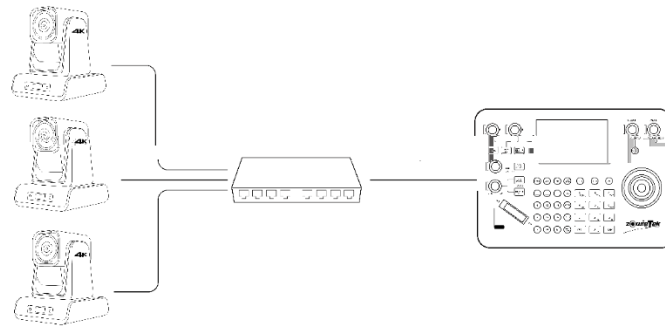
2.

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

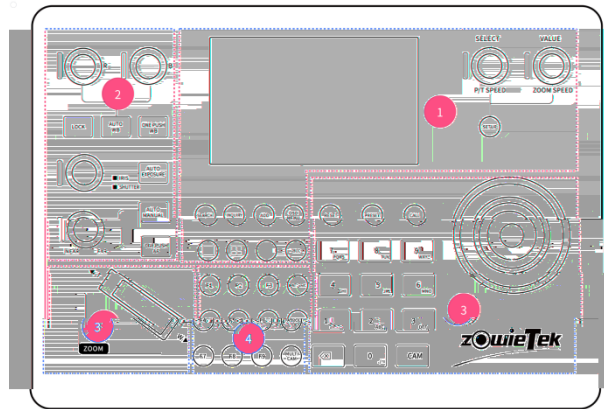
- DC 12V 1A
- PoE ZowieKBD PoE PoE/PoE+ PoE LAN
PoE CAT5e LAN

3

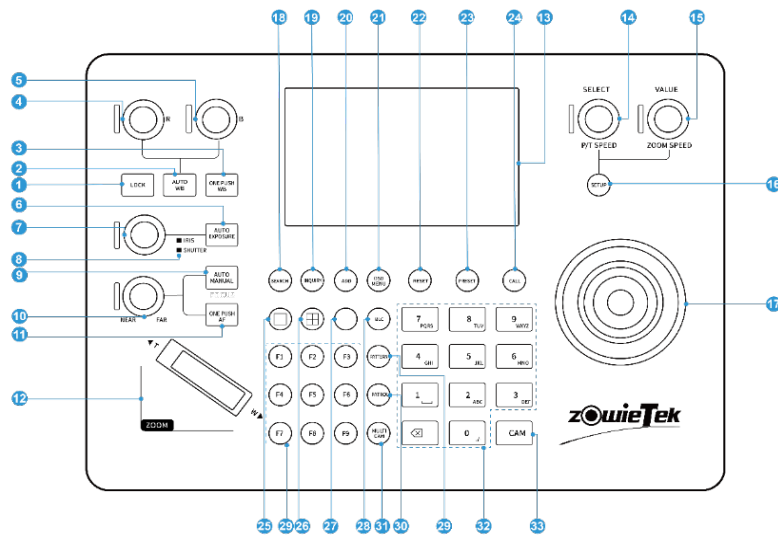
— ZowieKBD

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.

-

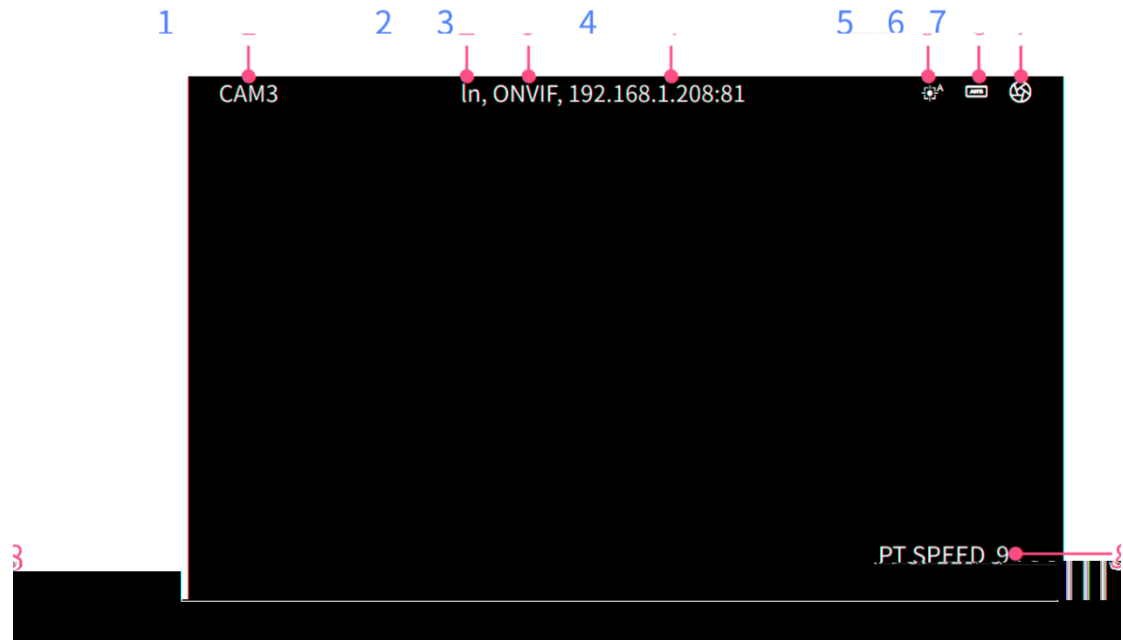
33.

+ CAM

2.4

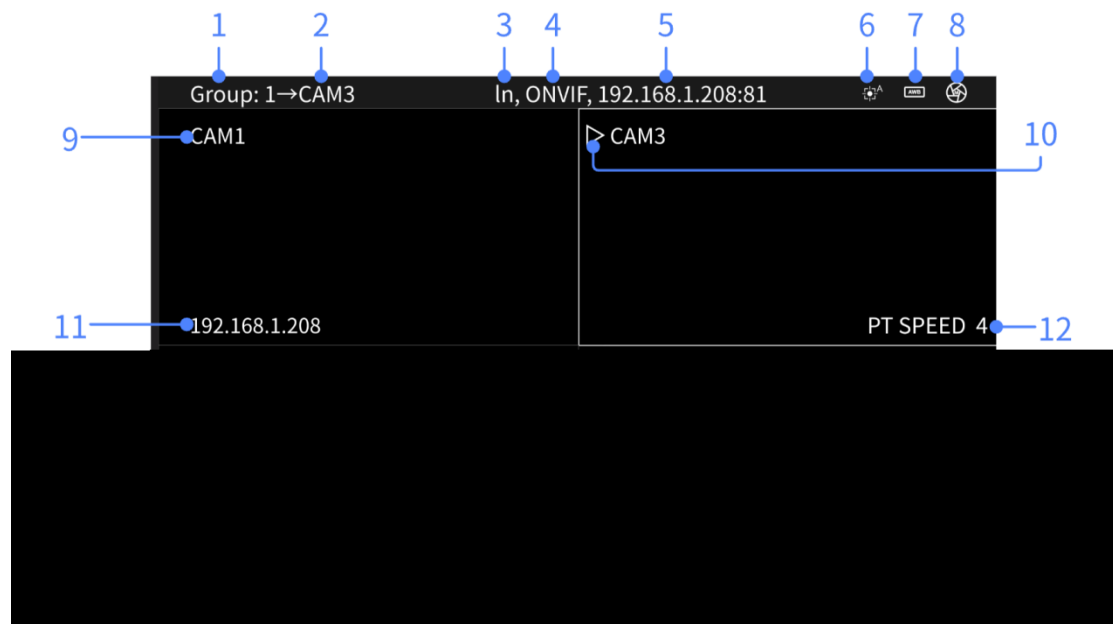
		/
		/
		/
		
+		
1~4 +		
		/
		OSD

2.5.1



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

2.5.2



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

IP

IP

2.6

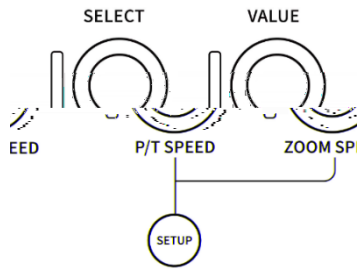
1



/	
/	

:

2



	/
P/T	

3.

3.1 NDI®

NDI

NDI

27

NDI

1 NDI



NDI



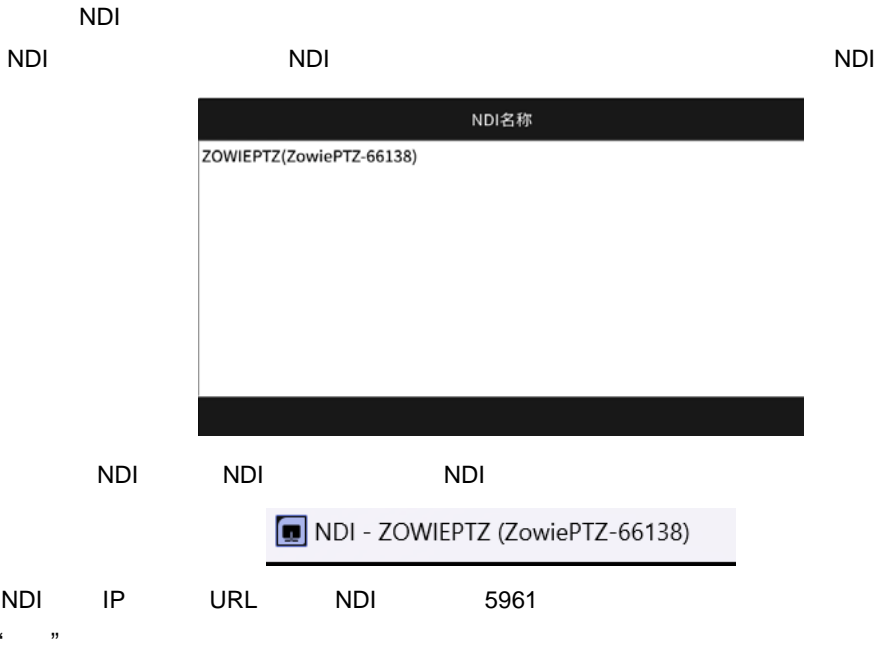
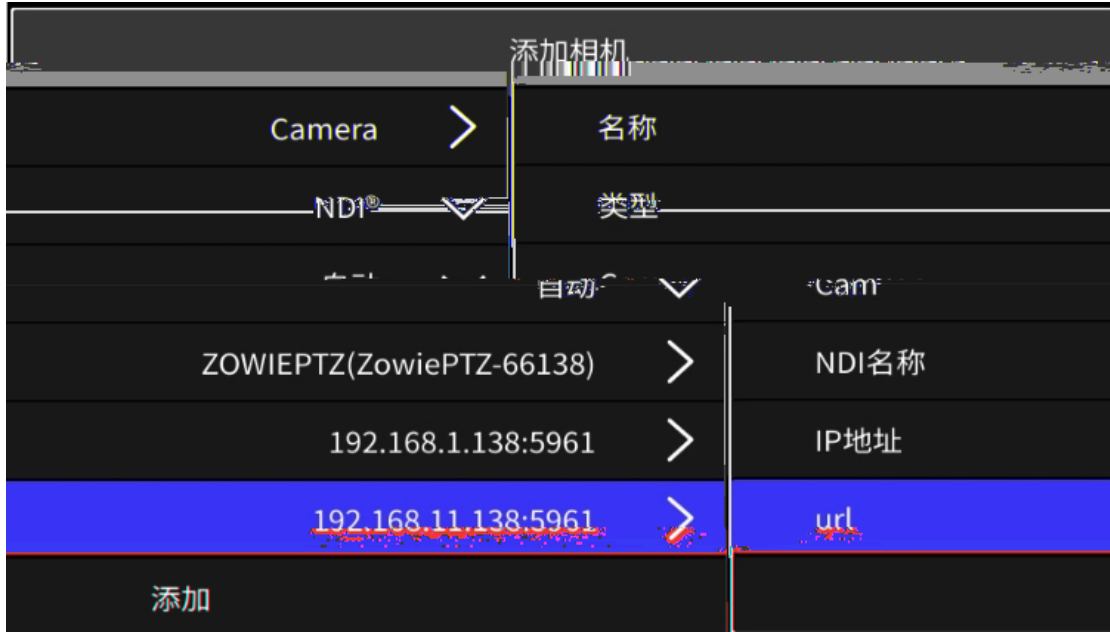
“ / / ”

2 NDI



-> CAM

->



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

3.2 ONVIF

1 ONVIF



ONVIF



->

ONVIF



- ONVIF
- NDI®
- Sony VISCA

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

192.168.1.21(ZowiePTZ-16023-ONVIF)

名称	
Cam	自动
端口	2000
认证模式	NONE
用户名	admin
密码	admin
添加	

2 ONVIF



->

->

”

添加相机

名称	Camera
类型	ONVIF
Cam	自动
IP 地址	192.168.1.148
端口	2000
认证模式	NONE
添加	

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

-->

Add Camera	
Name	Camera >
Type	Sony VISCA >
Cam	Auto >
IP Addr	192.168.1.148 >
Stream Addr	p://192.168.1.148:554/sub/av >
RTSP Auth	On >
Add	

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

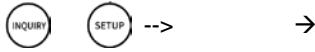
ONVIF

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	profileToken >
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*	🔗
<div style="display: flex; justify-content: space-between;"> 添加组 编辑 添加 删除 </div>				

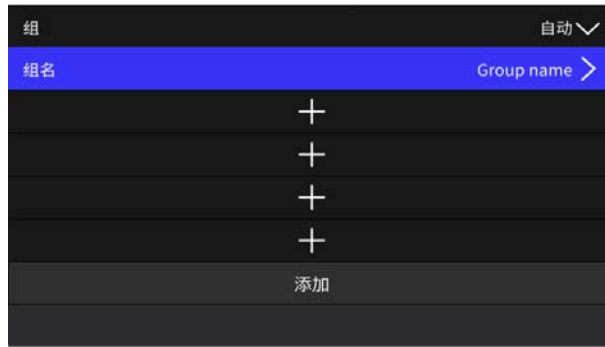
CAM列表				
CAM1(1)	Camera-ZowiePTZ-16023	192.168.1.21	ONVIF	🔗
CAM2(1)	Camera	192.168.1.1259	VISCA over IP(UDP)	🔗
CAM3(1)	Camera	1-9600	VISCA	🔗
CAM4(1)	Camera-ZOWIEPTZ---	192.168.1.42:5962	NDI*	🔗
<div style="display: flex; justify-content: space-between;"> 添加组 编辑 添加 删除 </div>				

2



组列表		
Group1	Group name	CAM #1,2,3,4
<div style="display: flex; justify-content: space-between;"> 编辑 添加 删除 </div>		

“+”



3.8 /

1



2:



1



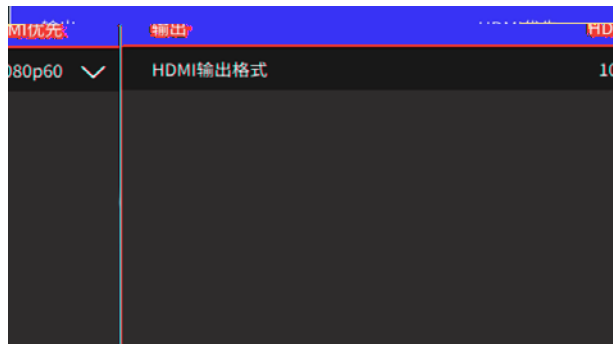
组列表		↓ CAM
Group1	Group name	CAM #1,2,3,4

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



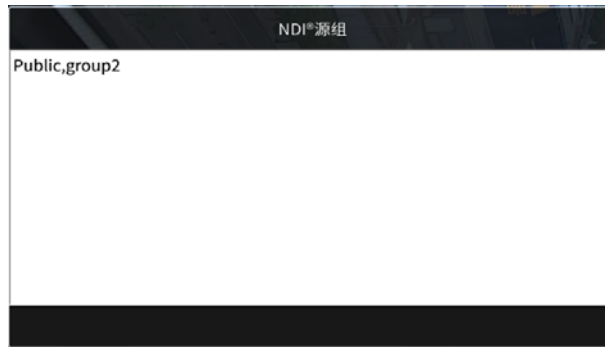
-->NDI

NDI

Public



P/T SPEED (.)

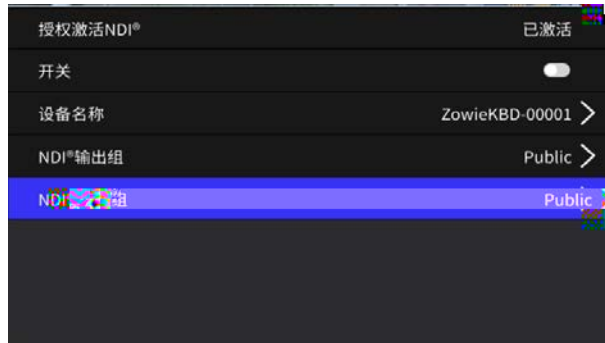


NDI



--> 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

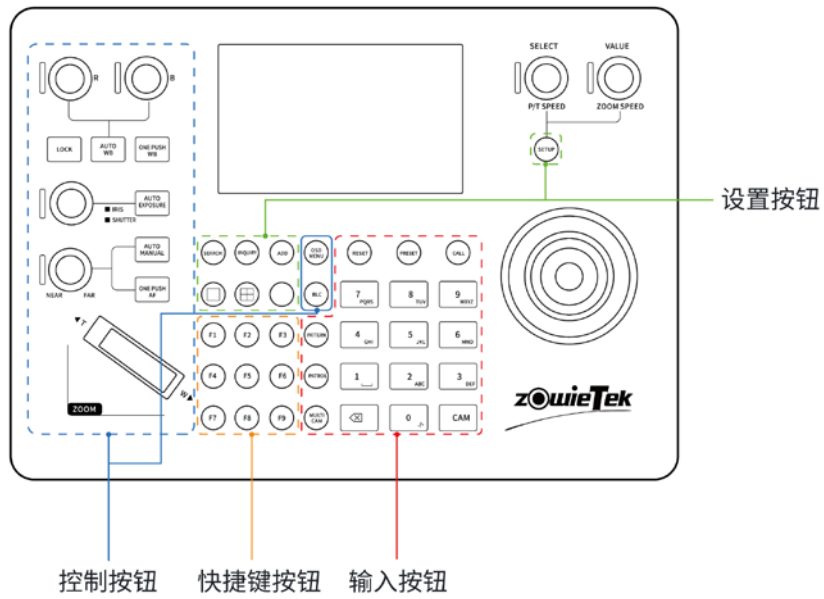
LCD

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



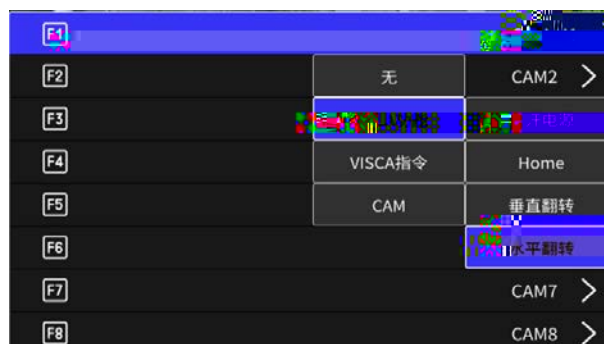
-->

ZowieKBD

4.6



FN



1. CAM
2. VISCA VISCA VISCA
3. VISCA ZowieKBD “ VISCA ”
VISCA



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

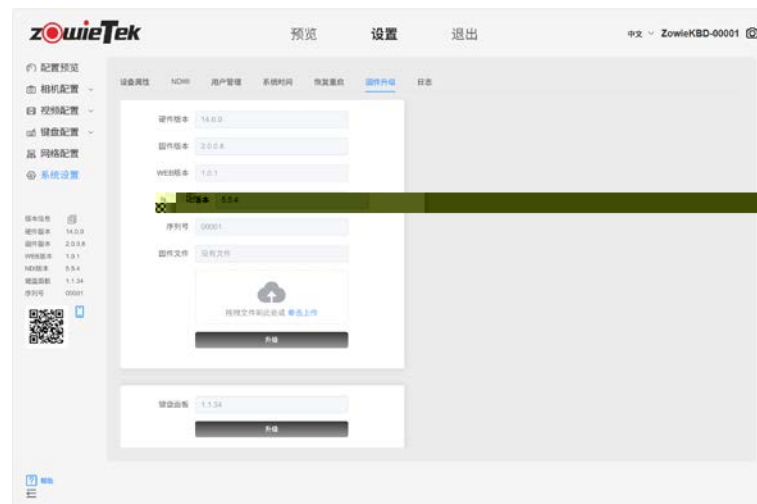
3.

IP

admin

-->

-->

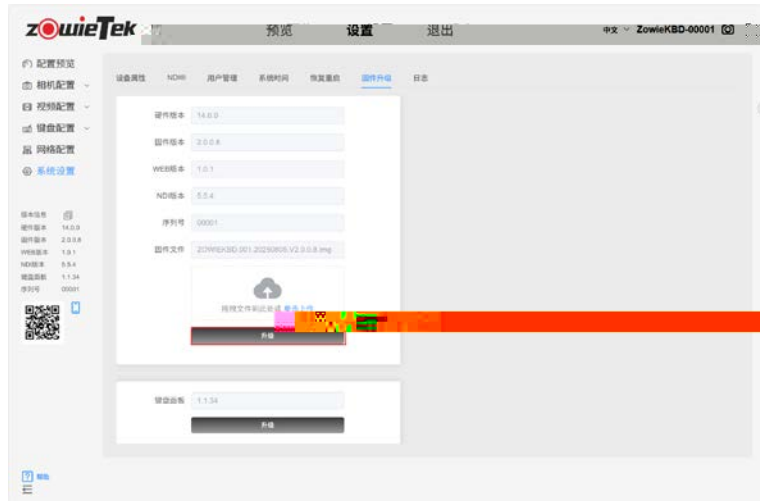


4.

“ ”

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

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

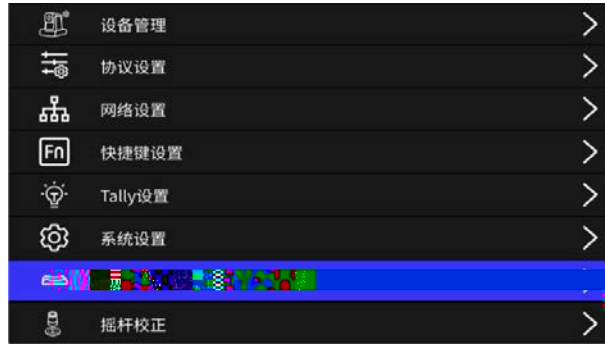
PVW PGM Tally

1 1 Tally PGM Tally

1. VISCA Tally

2. Tally

4.10



4.11 ZowieKBD



4.12




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

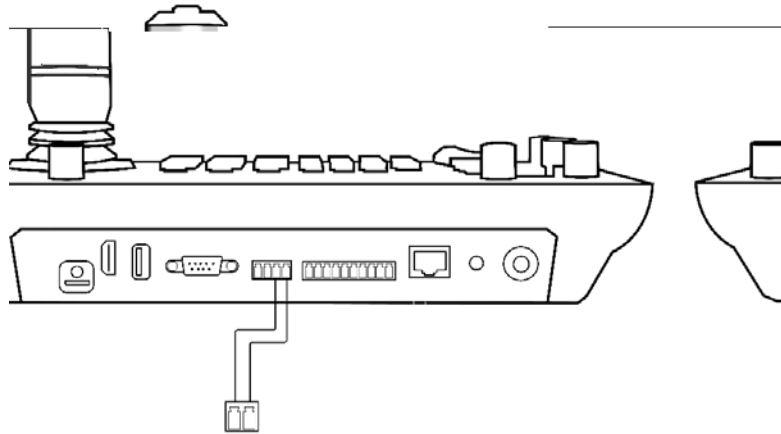
	RXD	ZowieKBD	GND	GND
ZowieKBD		RS232	RS232	

19

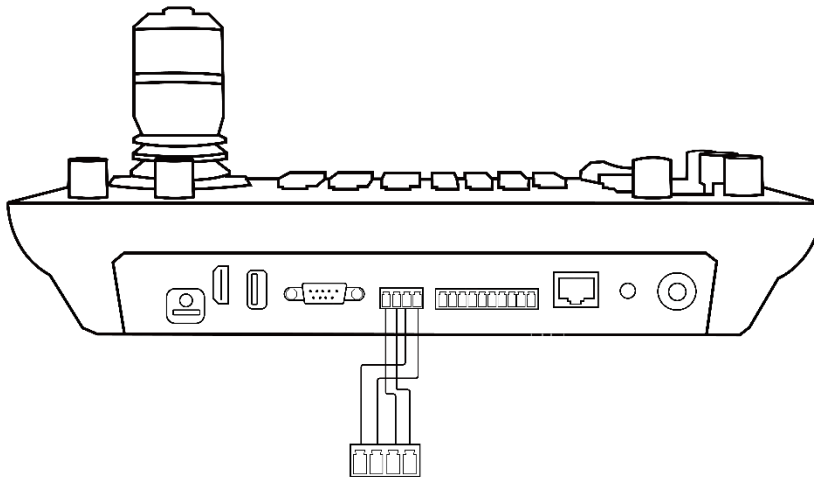
6. RS485/422

1

ZowieKBD	TX+	RS485+	ZowieKBD	TX-	RS485-
----------	-----	--------	----------	-----	--------



2



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

