

REACH All-in-one Solution Bee8+ User's Manual

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SZ Reach Tech Co., Ltd. provides customers with all-round technical support. Users can contact the nearest Reach office or the headquarters of the company directly.

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Notes

This Manual is customized in order to ensure that you can better install and configure this product. Before using this product, please read this Manual carefully to make full use of all functions of this product. The contents of this Manual will be updated irregularly without prior notice, if you couldn't solve the problem in use process in accordance with the manual, please contact us to inquire relevant operation method, thank you!



Contents

| 1. | Login4 |
|-----|-------------------------------|
| 2. | Live and VOD4 |
| 3. | Setting (Interface Enter) |
| 4. | Setting (Operating) |
| 5. | Setting (Audio Setting) |
| 6. | Setting (Video Setting) |
| 7. | Setting (Video Effect)12 |
| 8. | Setting (Logo/Title)14 |
| 9. | Setting (Camera Control)15 |
| 10. | Setting (PPT Switch/Push)16 |
| 11. | Setting (Media Stream)18 |
| 12. | Setting (File management) |
| 13. | Setting (User management)23 |
| 14. | Setting (Advanced setting)24 |
| 15. | Setting (System management)26 |
| 16. | System upgrade |



1. Login

Login

Use IP address and user accout by browser, such as Google Chrome



2. Live and VOD

Receive Live and VOD

Click Live and Album image to receive Live streaming and VOD recorded video on homepage





- Click Of the cive button to set audio level
- Click to full screen view
- Click Close the live windows



3. Setting (Interface Enter)

Enter Setting interface



Setting interface



4. Setting (Operating)

Start and stop Preview Open Preview



| Operation ^ | 🗞 Live | |
|---------------|-----------|----------------|
| Cperating | Room Name | Live |
| Audio Setting | Publish | Off |
| Video Setting | Status | Idle 🔲 🕨 Start |
| Video Effect | | CEdit CRefresh |



Stop Preview

| 🚯 Operation 🗠 | 🗞 Live | |
|--------------------------|-----------|----------------|
| Dperating | Room Name | Live |
| ∢ 》 Audio Setting | Publish | Off |
| 📕 Video Setting | Status | Living |
| ♦ Video Effect | | CEdit CRefresh |
| Start Live on homepage | | |



| Operation ^ | 🗞 Live | |
|----------------|-----------|----------------|
| Dperating | Room Name | Live |
| Audio Setting | Publish | Off |
| Video Setting | Status | Idle EStart |
| S Video Effect | | CEdit CRefresh |

| Operation ^ | 🗞 Live | |
|--------------------------|--------------|---|
| 📥 Operating | Room Name | Live |
| ⊲ 》 Audio Setting | Session Name | Live |
| Video Setting | _ | rtmp://192.168.2.232/xlive/Live http://192.168.2.232/xlive/Live.m3u8 |
| ♦ Video Effect | Publish | |
| 🟳 Logo/Title | | ✓ Save |

Record operation

Also can set the Prefix for the recording video name and Max record duration

| Operation ^ | 🗞 Live | |
|-------------------------|----------------------|---------------|
| Coperating | Room Name | Live |
| م المعالم Audio Setting | Publish | On |
| Video Setting | Status | Living |
| ♦ Video Effect | | CEdit Cefresh |
| 💻 Logo/Title | 🗞 Record | |
| 🔀 Camera Control | ₿File name prefix | Prefix |
| PPT Switch/Push | OMax record duration | 10Hours CEdit |
| 🦲 Media Stream | Recording status | Idle 🔳 🕑 🔳 |



| 🗞 Record | |
|----------------------|---------------|
| ₿File name prefix | Prefix |
| OMax record duration | 10 Hours Save |
| Recording status | Idle 🔳 🕑 🔳 |

Check storage space



Reach

5. Setting (Audio Setting)

Audio input and encode setting

| Operation ^ | 🗞 Audio Input | | |
|---------------------|----------------|---------|-------|
| 🗠 Operating | 🍨 Input volume | | -• 99 |
| Audio Setting | ▲》Mic in 1 | | |
| | Nic in 2 | | |
| | ■ Line in 1 | | |
| Video Effect | ■ Line in 2 | | |
| 💭 Logo/Title | A) HDMI 5 | | |
| | | Ceredit | |
| Camera Control | | | |
| PPT Switch/Push | 🗞 Audio Encode | | |
| 🦲 Media Stream | ↔ Sample | 48000Hz | V |
| | 🕂 Bitrate | 128Kbps | × |
| | | | |
| 🐮 User Management 🗡 | | Ceredit | |

6. Setting (Video Setting)

Video input setting

| Operation | 🖧 Video Input | | | |
|---------------------------------|---------------|-------|--------|---|
| | Channel A | HDMI | \vee | × |
| Audio Setting | Channel B | HDMI | \sim | × |
| | Channel C | HDMI | \sim | × |
| Video Setting | Channel D | HDMI | \sim | × |
| ♦ Video Effect | Channel E | HDMI | \vee | × |
| Logo/Title | | €Edit | | |
| 🔀 Camera Control | L | | | |



Video encode setting

| 🗞 Video Encode | | | | |
|-------------------------------------|----------|------|------|------|
| HD SD | | | | |
| 🖼 Image quality | | 720P | 480P | 270P |
| ↓≟ Stream type | CBR | | `` | |
| ↓ ¹ ₉ Bitrate | 4000kbps | ; | | |
| [| @Edit | | | |

HD video encode setting

| 🗞 Video Encode | |
|-------------------------------------|----------------------|
| HD SD | |
| 迥 Image quality | 1080P 720P 480P 270P |
| ↓≟ Stream type | CBR |
| ↓ ¹ ₉ Bitrate | 4000kbps ~ |
| | Save Refresh |

SD video encode setting

| Reach | | | |
|-----------------|--------------------|-------|--|
| 🗞 Video Encode | | | |
| HD SD | | | |
| 词 Image quality | 720P 480P 2 | 270P | |
| JE Stream type | CBR | V | |
| ↓9 Bitrate | 700kbps | V | |
| | Save Ret | fresh | |

7. Setting (Video Effect)

Shape setting

Can choose Equalratio and Stretch for video shape

| 🚯 Operation \land | 🗞 Shape |
|-------------------|------------|
| 🗠 Operating | Equalratio |
| Audio Setting | CEdit |
| Video Setting | - Allowaut |
| ♦ Video Effect | |
| 🗖 Logo/Title | |

Layout setting

Default have 9 video layout for quickly choosing and saving to use,



| Video Effect | & Layout | |
|---------------------|-------------|--|
| 🏴 Logo/Title | B C A B | |
| 🔀 Camera Control | | |
| PPT Switch/Push | | |
| 🕒 Media Stream | | |
| 🗅 File Management 🗡 | | |
| 🐸 User Management 👻 | Save Layout | |

Also can change the default layout for quickly setting as below picture







Animate setting



8. Setting (Logo/Title)

Logo/Title setting

Also can set the Coordinate position for logo, title and time on the video for live and record



| Operation ^ | 🖵 Logo/Title | |
|------------------|--------------|----------------|
| Cperating | 🛏 Logo | Logo: Set Logo |
| Audio Setting | | X: 10 Y: 10 |
| Video Setting | | X 350 X 350 |
| ♦ Video Effect | | X: 350 Y: 350 |
| 🔎 Logo/Title | T Text | Text: Hello |
| 🔀 Camera Control | | X: 400 Y: 400 |
| PPT Switch/Push | | ✓Save ØRefresh |

9. Setting (Camera Control)

Camera control





10. Setting (PPT Switch/Push)

| Operation | 🗞 PPT Switch | |
|--------------------|---------------|---|
| <u> </u> Operating | Enable | |
| Audio Setting | Threshold | Detection of PPT page turning, Threshold of detecting image |
| | | change |
| Video Setting | | 20 % |
| S Video Effect | Duration time | 10 Seconds |
| 🏳 Logo/Title | | |
| 🔀 Camera Control | PPT Push | |
| PPT Switch/Push | Enable | |
| | Г | CZEdit |
| 🕒 Media Stream | L | |

Turn on PPT switch function

After turn on PPT switch function, if HDMI input 5 port have PC or Notebook signal input, it will auto detect whether the image have some changes, if yes, the video will only show HDMI input 5 signal image for some time, you also can set the image detection sensitivity and duration time by manual.

| 🚯 Operation 🔷 | 🗞 PPT Switch | |
|--|---------------|---|
| 📥 Operating | Enable | |
| الالالالالالالالالالالالالالالالالالال | Threshold | Detection of PPT page turning, Threshold of detecting image |
| Video Setting | | 20 % |
| 🏷 Video Effect | Duration time | 10 Seconds |
| 🎮 Logo/Title | | |
| 🔀 Camera Control | PPT Push | |
| PPT Switch/Push | Enable | |
| 🦲 Media Stream | | ✓ Save ØRefresh |
| Co rile Management X | | |



PPT Push

Turn on PPT Push function

After turn on PPT Push function, if HDMI input 5 port have PC or Notebook signal input, you can use telephone or notebook to scan or type URL address to get the images (no audio), the time interval is 5 - 8 seconds.





11. Setting (Media Stream)

RTMP Streaming

Can push the streaming to some video platform for video broadcast or share, please set the correct URL address of video platform and save for enable

| Operation ^ | 🗞 RTMP | 1 set and enable RTMP address |
|-----------------------|---------------------|--|
| ڬ Operating | 🕰 Main | rtmp://192.168.2.232:1935/xlive/myshow |
| Audio Setting | 🚯 Sub | rtmp://127.0.0.1/live/sub |
| Video Setting | | Save address |
| ♦ Video Effect | Rtmp Stream Control | |
| 🏳 Logo/Title | RTMP status | Idle |
| 🔀 🛛 Camera Control | | |
| PPT Switch/Push | 🗞 RTSP | |
| Amedia Stream | C RTSP type | Unicast 🗸 |
| | 😃 Main | rtsp://192.168.2.233:8557/movie/main |
| 🗅 File Management 🕆 | 💩 Sub | rtsp://192.168.2.233:8557/movie/sub |
| 😤 User Management 🗡 | | (2Edit |
| Advanced Settings * | | Blat |
| 🗱 System Management 🗠 | | |

RTSP Streaming

Can get RTSP Streaming address as below picture, also can use VLC Player to receive RTSP Streaming

| PPT Switch/Push | 🗞 RTSP | |
|---------------------|-------------|--------------------------------------|
| | 🗇 RTSP type | Unicast V |
| Media Stream | 🚯 Main | rtsp://192.168.2.233:8557/movie/main |
| 🗅 File Management 🗡 | 🕰 Sub | rtsp://192.168.2.233:8557/movie/sub |
| 🚰 User Management 👻 | L | ✓ Save ØRefresh |
| Advanced Settings × | | |



🛓 VLC media player Media Playback Audio Video Subtitle Tools View Help Open File... Ctrl+O Open Multiple Files... Ctrl+Shift+O Dpen Folder... Ctrl+F Open Disc... Open Network Stream... Open Capture Device... Ctrl+D Ctrl+N Ctrl+C Open Location from clipboard Ctrl+V Open Recent Media ۲ Save Playlist to File... Ctrl+Y Convert / Save... Ctrl+R ((*)) Stream... Ctrl+S Quit at the end of playlist 🛃 Quit Ctrl+Q

🛓 VLC media player

| vledia P | layback | Audio | Video | Subtitle | Tools | View | Help |
|----------|---------|-------|-------|----------|-------|------|------|
|----------|---------|-------|-------|----------|-------|------|------|

| Open Media - × File Disc Capture Device Network Protocol Please enter a network URL: [tsp://192.168.2.233:8557/movie/main http://www.example.com/stream.asx rtsp://sarver.example.com/stream.asx rtsp://sarver.example.com/stream.asx rtsp://sarver.example.com/stream.asx |
|--|
| Show more options |





12. Setting (File management)

Album management

| 🚯 Operation 👻 | +Add Add new video album | | | | |
|---------------------|--------------------------|---------------------|---------|---------------------|----------------|
| File Management | Name | Description | Publish | Create time | Action |
| Albums | default | Default Video Album | ~ | 2019-10-15 22:09:23 | dit 🕜 💌 Delete |
| 嶜 User Management 👻 | | | | | < 1 > |
| Advanced Settings × | | | | | |

If turn on the Share button on album editing interface, you will can see the album on the homepage



| +Add | | | | | | |
|------|----------|----------------------|-----|----|---------|------------|
| Name | Descript | New Album | | × | | Action |
| | Default | Name | | | 2:09:23 | K × |
| | | Cover | Set | | | |
| | | Description Share | | | | |
| | | | | ОК | | |

Video management

| Operation File Management | GGo back CRefresh | | | | |
|--|-------------------------------------|---------|---------------------|---------------------|--------|
| albums | Name | Album | Upload | Create | Action |
| C Videos | Prefix20191027224707-DSS-CLA5200002 | default | | 2019-10-27 22:47:07 | ۵ ا |
| User Management | Prefix20191027140437-DSS-CLA5200002 | default | | 2019-10-27 14:04:37 | ۵ ا |
| System Management * | Prefix20191027134416-DSS-CLA5200002 | default | 2019-10-27 13:45:59 | 2019-10-27 13:44:16 | > • • |
| | Prefix20191027134300-DSS-CLA5200002 | default | 2019-10-27 13:44:08 | 2019-10-27 13:43:00 | ۵ |

Click 🔊 button to add the video to one video album

| +Add add ne | | | | |
|-------------|---------------------|---------|-------------------------------|--|
| Name | Description | Publish | Create time | Action |
| default | Default Video Album | * | 2019-10-15 22:09:23 | |
| | | | add oe delet also can edit | e the video to one video album, the video album in here $\frac{1}{2}$ |

Click **b**utton to go to video file list



| Operation File Management | Go ba | ck | | | |
|--|-------|--------------------------------|-------|----------------------------|------------------------|
| Albums | | File Name | Size | Create | Action |
| 🗅 Videos | | Prefix_20191027224707_HD.mp4 | 0.00M | 2019-10-27 22:47:08 | ▶ ▲ 0 |
| 🦉 User Management 👻 | | Prefix_20191027224707_HD-1.mp4 | 0.00M | Pi: 2019-10-27 23:47:10 | ayback Download Delete |
| Advanced Settings × System Management × | | Prefix_20191027224707_HD-2.mp4 | 0.00M | 2019-10-28 00:47:10 | • • • |
| | | Prefix_20191027224707_SD.mp4 | 0.00M | 2019-10-27 22:47:07 | • • • |
| | | Prefix_20191027224707_SD-1.mp4 | 0.00M | 2019-10-27 23:47:10 | • • • |
| | | Prefix_20191027224707_SD-2.mp4 | 0.00M | 2019-10-28 00:47:10 | • • • |
| | Do | wnload | | | |
| | | | | | < 1 > |

Click 💼 button to delete the video

| Go back CRefresh | 0 | | | | |
|-----------------------------------|-------------|-------------------|--------|---------------------|--------------------|
| Name | Are you sur | e delete media fi | le? | Create | Action |
| Prefix20191027224707-DSS-CLA52000 | | | Cancel | | > > (|
| | | | | 2019-10-27 14:04:37 | • • |



13. Setting (User management)

User management

| Operation | +Add Add new user | | | |
|-----------------------|-------------------|-----------|-------------------|--|
| E File Management • | User name | Nick name | Role | Operation |
| Lusers | admin | admin | admin | ØEdit |
| Advanced Settings × | admin1 | admin1 | Give use admin | er operation authority and delete the user |
| 🗱 System Management 🗠 | admin2 | admin2 | admin | &Edit KRemove |
| | admin3 | admin3 | admin | &Edit X Remove |
| | user1 | user1 | user | &Edit X Remove |
| | | | | |

Click **e**Edit button also can edit the user password and set the Role, admin role can have all operation authority, user role can set some of operation authority by manual

| Edit user | | Х |
|-----------|--------|--------|
| User name | admin1 | |
| Nick name | admin1 | |
| Password | | |
| Confirm | | |
| Role | Admin | |
| | | |
| | | Cancel |

| Edit user | | X |
|-----------|---|--------------|
| User name | user1 | |
| Nick name | user1 | |
| Password | | |
| Confirm | | |
| Role | User | |
| Functions | User manage Access all recordings 🖌 Access my Setting 🖌 Rtmp living | / recordings |

14. Setting (Advanced setting)

Storage setting

Usually only turn on Video HD recording and Video SD recording are enough for record

| 🚯 Operation 🗸 | Storage Storage from USB Port of device |
|-------------------------|--|
| 🗅 File Management 🗡 | ⊷ USB download |
| 😤 User Management 👻 | Video recording channel setting |
| Advanced Settings ^ | Video HD recording Video SD recording |
| Storage | Channel A recording |
| 🚭 Serial Port | Channel B recording |
| | Section Channel C recording |
| Srd Part System | Channel D recording |
| System Management \land | Channel E recording |
| 🗱 System Settings | € Edit |

3rd serial port setting for center control system



| Operation | * | 🗞 Serial port | | |
|-------------------|---|-----------------|-------|---------|
| 🗅 File Management | ~ | ≢ RS232 bitrate | 9600B | ~ |
| 🐸 User Management | ~ | ≢ RS485 bitrate | 9600B | ~ |
| Advanced Settings | ^ | | ✓Save | Refresh |
| 🥃 Storage | | | | |
| 😪 Serial Port | | | | |

3rd part system setting

Can set the video auto upload to 3rd storage system by FTP or SFTP

| 🕐 Operation 🔹 | 🗞 RSync | |
|-----------------------|-------------|---------------|
| 🗅 File Management 🗡 | ဖို Enable | |
| 😤 User Management 👋 | 🗮 Protocol | SFTP V |
| Advanced Settings ^ | ≣ Host | 192.168.2.107 |
| | 🛱 Port | 22 |
| Storage | 💄 User name | reach |
| 🚓 Serial Port | Password | reach |
| Srd Part System | Save path | / |
| 📽 System Management 🗠 | | (ØEdit |



15. Setting (System management)

System setting

Can set the network as below picture

| Operation | 🗞 Network | |
|---------------------|-----------|-------------------|
| 🗅 File Management 🗡 | 幸 DHCP | |
| 🐸 User Management 👻 | IP | 192.168.2.233 |
| J Advanced Settings | 🛢 Netmask | 255.255.255.0 |
| A Curtan Management | 🖯 Gateway | 192.168.2.1 |
| System Management A | - DNS | 8.8.8.8 |
| System Settings | 🛛 MAC | 16:34:64:FE:24:1A |
| 🔚 System Log | | CEdit |
| i About | L | |

Also can set the system to follow the login PC or notebook by

| 🗞 Datetime | |
|------------------------------------|---------------------|
| ④ Time of device | 2019-10-28 23:31:28 |
| ❷ Time of local | 2019-10-28 23:31:33 |
| | ✓Sync with local |

Check system operation log



| | Operation ~ | ĥ | ₽ Operation logs | | | | | | |
|----------------------|-------------------|-------|------------------|---|---------------------|--|--|--|--|
| C | File Management | User | Source | Time | | | | | |
| 9-9 | | admir | Web | save setting setting_datetime | 2019-10-28 23:32:28 | | | | |
| <u>8</u> | User Management 👋 | admir | Web | save setting setting_datetime | 2019-10-28 23:32:23 | | | | |
| | Advanced Settings | admir | Web | set record 20191027224707-DSS-CLA5200002 to album default | 2019-10-28 22:56:41 | | | | |
| | | admir | Web | set record 20191027224707-DSS-CLA5200002 to album default | 2019-10-28 22:56:24 | | | | |
| \mathbf{Q}_{0}^{0} | System Management | admir | Web | 2019-10-28 22:54:03 | | | | | |
| | | admir | Web | save setting setting_live_rtsp | 2019-10-28 22:46:01 | | | | |
| 1 | System Settings | admir | Web | save setting setting_live_rtsp | 2019-10-28 22:45:46 | | | | |
| 1 | - Curtan Lan | admir | Web | save setting setting_live_rtsp | 2019-10-28 22:24:44 | | | | |
| 23 | System Log | admir | Web | save setting setting_ppt | 2019-10-28 21:45:10 | | | | |
| ÷ | About | admir | Web | save setting setting_ppt | 2019-10-28 21:43:58 | | | | |
| | | | | < 1 2 3 4 5 ··· 53 > | 10 / Page \vee | | | | |

Check system information

| 🚯 Operation 🛛 🔪 | land the second | |
|---------------------------------|---|----------------|
| 🗅 File Management 🗡 | ₽ System version | S5.19.1026B1 |
| 🐸 User Management 👋 | ₽ Software version | 2.0.20 |
| lacksquare Advanced Settings $$ | ₽ Web version | 1.0.0.19 |
| 🗱 System Management 🗠 | ဖို Product name | Media Master |
| 🗱 System Settings | ဖို Model | A5200 |
| i System Log | ဖို Serial number | DSS-CLA5200002 |
| i About | | |

Also can do system reboot, go to homepage, change language and logout the system as below picture



| | | | | | | | | | ПХ |
|--------------|---------------------------------------|------------|---------------------------------|----------------|-------|-----------------|-----------------------|-------------|--------------|
| m | vledia Master | | × + | | | | | | |
| \leftarrow | → C ▲ 不安全 | 192 | .168.2.233/console/system/about | | | | | o- 🔄 📩 | • 0 : |
| 藍应 |)用 🔤 Google 翻译 | y 有 | 道首页 🗮 WeTransfer | | | | | | |
| Μ | edia | N | laster | | admin | U Reboot | ∦ Quit Setting | 通Language > | €+Logout |
| 636 | Operation | | & Version | | | | | | ^ |
| C | File Management | | ₽ System version | S5.19.1026B1 | | | | | |
| 썉 | User Management | | ₽ Software version | 2.0.20 | | | | | |
| U | Advanced Settings | | ₽ Web version | 1.0.0.19 | | | | | |
| o: | System Management | | ₽ Product name | Media Master | | | | | |
| | 60⁰ Sustem Settings | | ₽ Model | A5200 | | | | | |
| | System Settings | | ₽ Serial number | DSS-CLA5200002 | | | | | |
| | System Log | | | | | | | | |
| | About | | | | | | | | |

16. System upgrade

System upgrade

You can upgrade new version by Web, login the Web address by Browser, and then choose the upgrading file to finish it.

The Web upgrading address is IP:8088, such as if Bee8+ IP address is 192.168.1.100, so the Web address is 192.168.1.100:8088