

Merit LILIN Application Note

How to setup an AI camera to send alerts to Gmail with photos

Document Number: A00326 Date: 2022/07/05 Dept: Technical Support, Taipei

Subject: How to setup an AI camera to send alerts to Gmail with photos.

Description: LILIN 7 series cameras support SMTP email push notification. To use Gmail push notification, please follow the instructions below.

Requirement:

LILIN Z7 series PTZ and camera, release 2.0.3.61 or above.

Step #1:

Sign in to your Google Mail account and select Security. Turn on 2-Step Verification and enter the application password.

| • | Home Personal info Data & privacy | Signing in to Google | | * |
|------------|---|--|--|---|
| 0 | Security | Password | Last changed Dec 3, 2020 | > |
| 8 | People & sharing | | | |
| ⊟ | Payments & subscriptions | 2-Step Verification | on 🕑 On | > |
| () | About 2 | App passwords | 1 password | > |
| | | Ways we can verify it's you These can be used to make sure it's rea you if there's suspicious activity in your | J Ily you signing in or to reach account | |
| | | Recovery phone | 0922 346 346 | > |
| | | Recovery email | Add an email address | > |
| | | Security question | 出生地 | > |



Step #2:

Enter the application "Mail" and select the device as shown below. Both Windows Phone and Windows Computer can be selected. After selecting, click on "Generate".

| pp passwords let you s erification. You'll only r | sign in to your Google Accour need to enter it once so you d | nt from apps on devices that ion't need to remember it. Le | don't support 2-Ste arn more |
|--|---|---|---------------------------------|
| Your app passwords | 3 | | |
| Name | Created | Last used | |
| lilin_aida | Jul 26 | Jul 30 | Î |
| Select the app and o | device you want to generate t | the app password for. | |
| Mail | Windows Compute | er 💌 | |

Step #3: A 16-bit code is generated. Copy it to the AI camera.

| Generated app password | | | | | |
|---|--|--|--|--|--|
| | Your app password for Windows Computer | | | | |
| | dktj 🗾 usae wgrr | | | | |
| | How to use it | | | | |
| Add your Google account | 1. Open the "Mail" app. | | | | |
| Enter the information below to connect to your Google account. Email address secuesally@gmail.com Password | 2. Open the "Settings" menu. 3. Select "Accounts" and then select your Google Account. 4. Replace your password with the 16- character password shown above. | | | | |
| Include your Google contacts and calendars | Just like your normal password, this app password grants complete access to your Google Account. You won't need to remembe it, so don't write it down or share it with anyone. Learn more | | | | |
| | DONE | | | | |



Step #4:

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Paste in the authentication password on the AI camera.

| | | | | | Live Langua | ige Logout |
|---------------------|---------------------------|--|------------|--------------|---------------|--------------|
| System Vid | eo Controls | Network | SmartEvent | Notification | Maintenance | LPKG |
| FTP Service | Setup > Notification > SN | MTP Service | | | | |
| SMTP Service | E-mail Receiver Setting | | | | | |
| HTTP POST Service | E-mail Address1 | steve | gmail.com | | | |
| SD Card Service | E-mail Address2 | | | | | |
| SD Card Backup File | E-mail Address3 | | | | | |
| SAMBA Service | E-mail Address4 | | | | | |
| | E-mail Address5 | | | | | |
| | E-mail Sender Setting | | | | | |
| | E-mail Address | steve | gmail.com | | | |
| | SMTP Server | smtp.gmail.com | n | | | |
| | SMTP Authentication | Auth Login Auth SSL Auth TLS | | | | |
| | SMTP Port | 465 | | | | |
| | Authentication | ON | | | | |
| | Auth Account | steve | @gmail.com | | | |
| | Auth Password | ••••• | | | | |
| | ОК | Send Mail & S | tatus | | | |

Step #5:

Paste it in the plug-in authentication password on the AI camera. Enable email notifications.

| LPR | LPR LIST | àlarm | | ک Setting | ? ABOUT | | O SPEED | |
|-----|---------------|-------|--|--|---------------------------|------------|--|---|
| SM | MTP Service — | | Enable | email notificatio | n | | 8 | • |
| | | | E-mail : E-mail : E-mail : E-mail : E-mail : E-mail : | template address1 address2 address3 address4 address5 | | | ister igmail.com | |
| | | | E-mail E-mail | sender setting address | | | Isteve ggmail com | |
| | | | SMTP S SMTP S SMTP I | server authentication port | | | emp gmail com Auth. SSL 465 | |
| | | | Authen Auth. a Auth. p | tication ccount assword | | | ONail.com | l |
| | | | E-mail | content ? | | | Date Time: < W >/< DD >/< YYYY > < h >::< mm >:< ss > Camera Name: < device_name > Object ID: < obj_tracking_id > Object ID: < obj_tracking_id > Proto: < bmave > | l |
| | | | Note: P Notifica | Please enter em ation > SMTP Se | ail information ervice | at Setup > | | 1 |
| | | | | | | | Apply Default | • |



Step #6 Enable warning zone and behavior detection.

| PR LPR LIST ALARM C — Alarm Settings | UTPUT SETTING ABOUT SPEED |
|--|---|
| 2 70 Confidence (%) > 16 Dwell (Sec) > 4 Dwell (Min) > None ♥ Classification □ bicycle © car © motorbike © bus □ train □ truck □ fre_engine | 0 80 Behavior detection |
| Counter Settings | Counter None Operand None Reset value Reset every None Image: Counter 03: 0, Counter 03: 0, Counter 04: 0, Cou |
| | Apply |

To have relevant behavior event information in the email content, click the question mark to copy and paste the Token keyword in the email content.

| LPR L | Content Token | ns - Google Chrome |
|--|--|---|
| UR UPR LIST ALARM OUTPUT SETING ABOUT SPEED Enable email notification C < | 61.216.97. | .157:8099/Aida/posttoken.html |
| Enable email notification Image: Constraint of the const | 1 | Token usage: |
| Note: Please enter email information at Setup > Southication > SMTP Service < course of the second s | bb_tracking_id> bb_dreakII_time> mame> sho_dreakII_time> mame> short> sh | Object tracking ID Object dwell time Object and Classification ID Confidence Left x Top y Width Height Center x Center y Plate number Plate country Plate area, state, or province Plate load's ution, allowed and denial Car logo Object's plate number Behavior ID Zone ID Behavior mane Frame ID The count of Counter01 to Counter08 (x is 01-85) The current dwell uni of the Counter04 (x is 01-85) The current dwell uni of the Sconter05 (x is 01-85) The current dwell uni of |



Step #7:

The Gmail can receive emails and related information.



Contact lilin.zendesk.com for technical support.