

# The CloudScan Mobile App

## Overview

The TapeTrack CloudScan API (TCS) allows a scanning device to communicate with a 2nd device via HTTP/HTTPS.

This enables a mobile device, such as an iOS or Android phone to act as a barcode scanner that can be connected to a desktop PC.

## How CloudScan Works

When you initiate the [TapeTrack Desktop Scan Window](#) and click the CloudScan Button, the Desktop program will contact the [TapeTrack CloudScan Web Service](#) to obtain a unique connection identifier.

Once this identifier is obtained, it will be displayed on the screen as a QR Code.

The user can then scan the QR Code with their mobile device to establish a secure connection with the Web Service.

After this, each barcode that is scanned by the mobile device will be sent to the Web Service, read by the Desktop Scan Window and processed as if the barcode was scanned locally.

## Security Considerations

By default, the CloudScan App on the Desktop and Mobile Device connect to the public CloudScan Web Service provided by GazillaByte.

To use the public service, both the Mobile Device and Desktop must have HTTP connectivity to the CloudScan URL.

To ensure that connections are secure:

1. A Connection ID is 128 bits, so it would take 1,000,000,000 attempts per second for a period of one year to duplicate a Connection ID.
2. Once a Mobile Device registers with the Connection ID, the Connection will be assigned to that IP address. This allows more than one device to connect to a Connection, but they would need to have the same IP address (gateway) and have knowledge of the Connection ID QR Code.

## Installing the App

### Apple iPhone

To install the CloudScan app on your iPhone, simply click on the App Store and search for **Gazillabyte**


# CloudScan

Alternatively a link from iTunes can be found on [iTunes](#).

## GazillaByte CloudScan

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**Free**  
Category: [Business](#)  
Released: 14 April 2017  
Version: 1.0  
Size: 3.2 MB  
Language: English  
Developer: GazillaByte LLC  
© GazillaByte  
[Rated 4+](#)

**Compatibility:** Requires iOS 10.2 or later. Compatible with iPhone, iPad and iPod touch.

**Customer Ratings**  
This application hasn't received enough ratings to display a summary.

**More iPhone Apps by GazillaByte LLC**



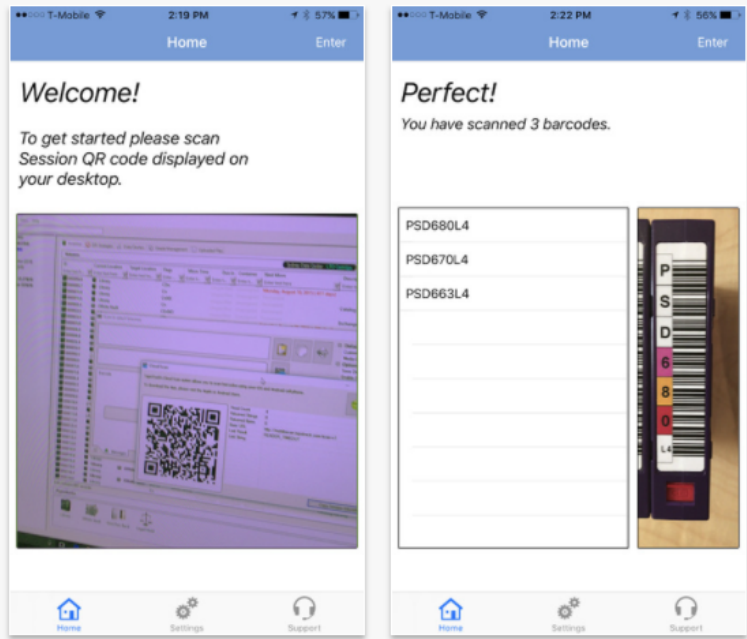
**TapeTrack**  
[View in iTunes](#)

### Description

GazillaByte CloudScan allows TapeTrack Desktop users to scan barcodes without the need to purchase a dedicated barcode scanner.

[GazillaByte CloudScan Support](#) > [...More](#)

### iPhone Screenshots



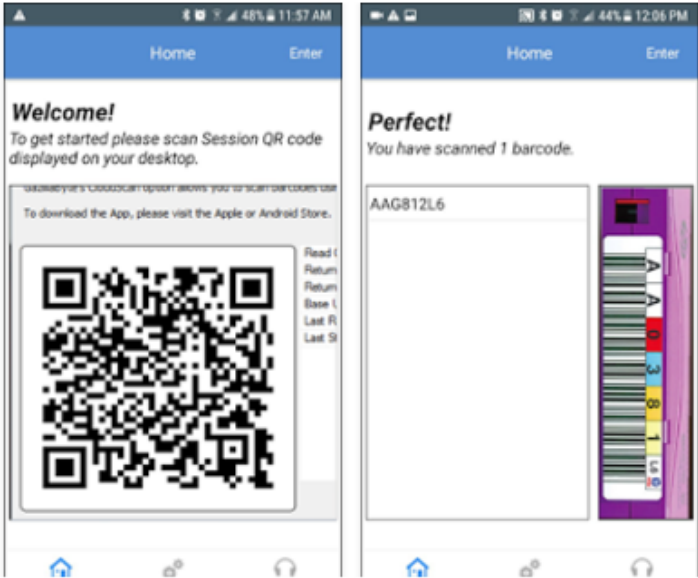
# Android

The android version can be downloaded from the [Google Play Store](#).



**GazillaByte CloudScan**  
GazillaByte LLC Business  
Everyone  
This app is compatible with your device.

Add to Wishlist **Install**



Home Enter

**Welcome!**  
To get started please scan Session QR code displayed on your desktop.

To download the App, please visit the Apple or Android Store.

Read I  
Return  
Return  
Base I  
Last R  
Last S

Home Enter

**Perfect!**  
You have scanned 1 barcode.

AAG812L6

>

This App allows you to scan tape barcodes into TapeTrack's Desktop software without the need for a dedicated barcode scanner.

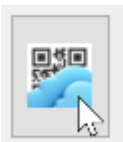
Just install the App onto your phone and begin scanning via our cloud scanning web service.

## Scanning Tapes into the Desktop

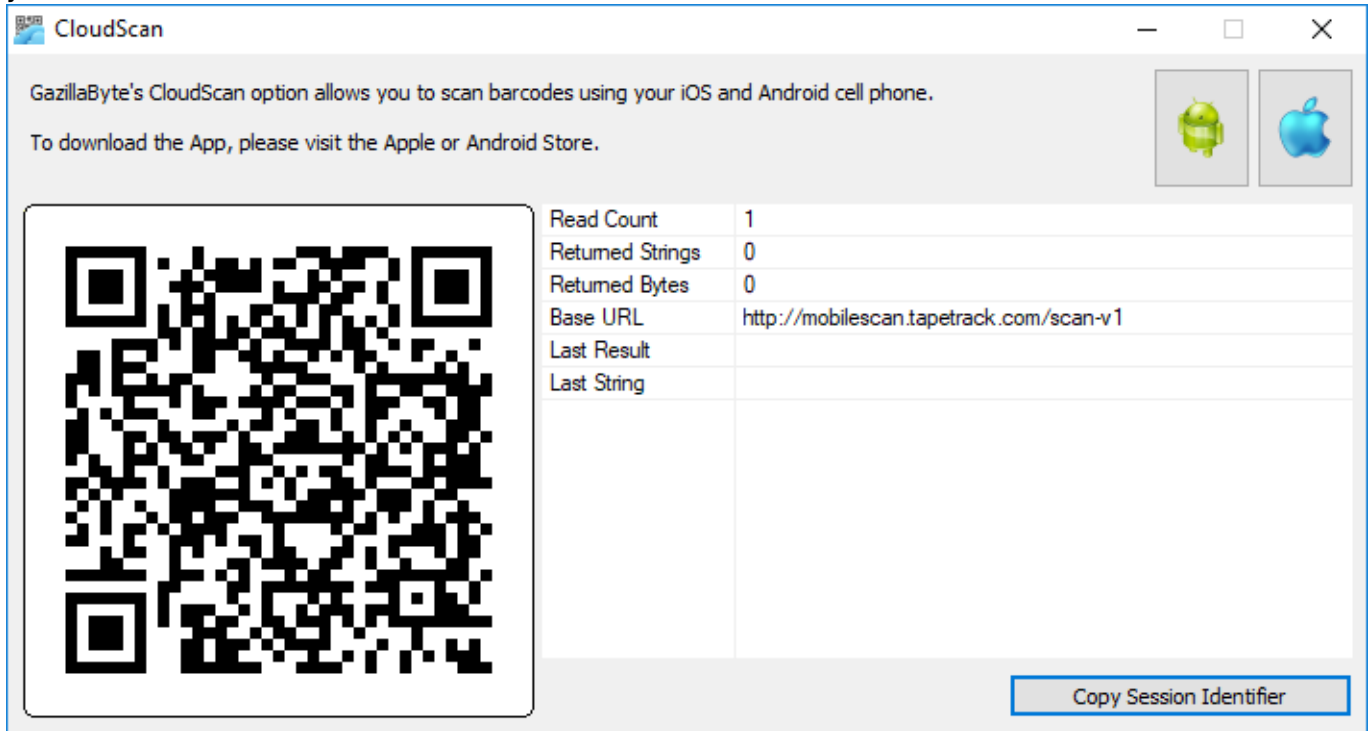
### Connecting to the Desktop

To scan barcodes into any TapeTrack Desktop Program:

1. Select an option that displays the [TapeTrack Desktop Scan Window](#)
2. Press CloudScan Button



This will launch a window containing a unique QR code to connect your phone to TapeTrack to enable you to scan barcodes.




The screenshot shows a browser window titled "CloudScan". The window contains the following text: "GazillaByte's CloudScan option allows you to scan barcodes using your iOS and Android cell phone. To download the App, please visit the Apple or Android Store." To the right of this text are icons for the Android and Apple stores. Below the text is a large QR code. To the right of the QR code is a table with the following data:

Read Count	1
Returned Strings	0
Returned Bytes	0
Base URL	<a href="http://mobilescan.tapetrack.com/scan-v1">http://mobilescan.tapetrack.com/scan-v1</a>
Last Result	
Last String	

At the bottom right of the window is a button labeled "Copy Session Identifier".

## Scanning barcodes

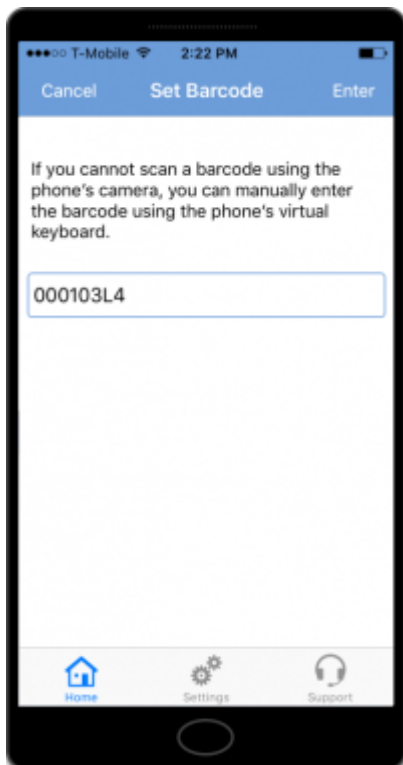
To scan barcodes, align your phone's camera at the barcode and it will scan it into TapeTrack to perform the task you have requested. Continue scanning remaining barcodes until your task is complete.

## Manually entering barcodes

If you cannot scan a barcode using the phone's camera, select Enter on the top right hand side of your screen and then press in the Manually Enter Barcode window. This will launch your phone's virtual keyboard.



Manually enter the barcode and select Enter



## Alternative Settings


### Manually adding an alternative CloudScan URL

To manually add an alternative CloudScan URL select Settings from the home screen. [image](#) On the Settings page select URL Settings this will launch the URL List page.[image](#) Select the +Add

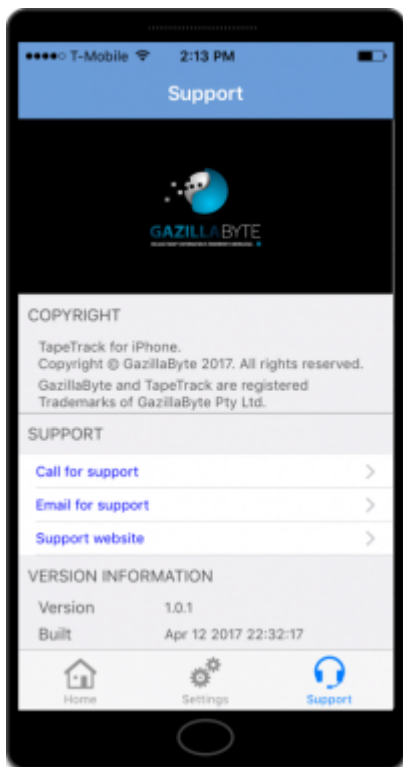
button and enter a name for this connection and the URL.[image](#)

## Repeat Barcode function

To enable this, from the Home screen select Settings then toggle the Repeat Barcode button to the right. Once enabled it will appear green and when a barcode is scanned more than once it will be sent to the CloudScan Service.[image](#)

When disabled, the barcode will only be sent once per session (unless the user swipes left on the on the barcode and presses the  button).

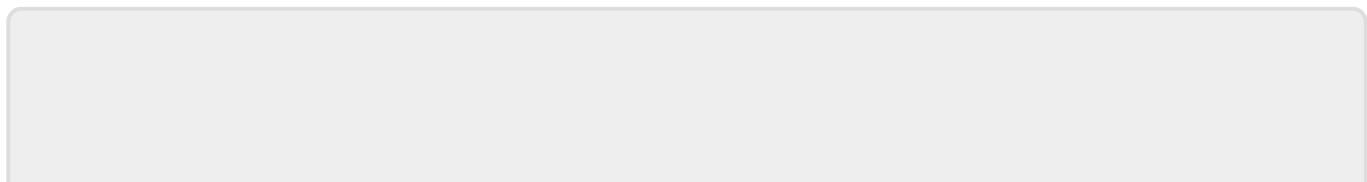
## Support



The support screen will give you 3 options.

1. **Call for support**
2. **Email for Support**
3. **Support Website**

Alternatively you can contact our [Help Desk](#) here.



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<https://rtfm.tapetrack.com/> - **TapeTrack Documentation**

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<https://rtfm.tapetrack.com/extensions/cloudscan?rev=1503674067>

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