BARTEC

Quick Start Guide

# Use of Intents or Keyboard Wedge Mode for Scan Module of the Pixavi Phone

**for Scan Module type 17-S1Z0-0001/0003….**

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**Proviso:** Subject to technical changes. Changes, mistakes and printing errors do not substantiate any claim to damages.




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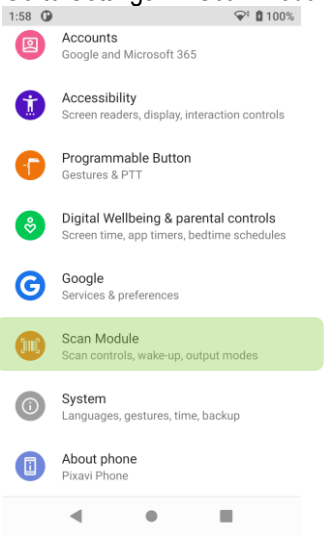
# 1 Setup on Pixavi Phone

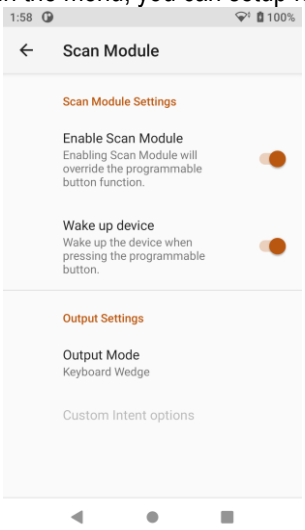
## 1.1 Scan Module Settings and use of custom Intents

You can do some setup on Pixavi Phone itself.

Go to Settings => Scan Module



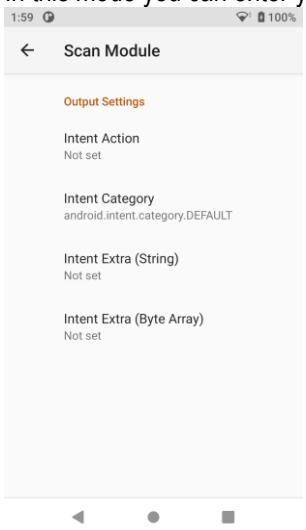

In the menu, you can setup following:




- Turn on/off the scan module
  If it is turned on then the PTT-key is automatically assigned as scan button.
  Turn on/off the wake up function
- If it is turned on then press of the scan (PTT-key) button wake up the device from sleep mode.

- Setup an output mode


  - Keyboard Wedge mode is used by default
    In this mode all data are written in the active field of the current used application.
  - Custom Intent mode can be activated as an alternative mode
    In this mode you can enter your Intents defined in your app.




The correct intents must be requested from and provided by the manufacturer of the software application.

### 1.1.1 What is Keyboard wedge mode

A keystroke output collects the processed data and sends it to the associated application as a series of keystrokes, emulating the actions of a user pressing keys on the device.

It supports TAB, ENTER and other special characters that might be required by an application to submit acquired data for further processing, to advance the cursor to another input field or for other reasons.

The parameters of this feature can be configured using the Zebra 123 scan utility via Basic Data Formatting or Advanced Data Formatting functions.

### 1.1.2 What is Intent

Intent Output allows data acquired and processed to be sent to the associated foreground application as payload within an Android intent object. This allows acquired data to be passed programmatically to an application, where it can be consumed or further processed. The core components of an application (its activities, services and broadcast receivers) also can be activated by intents.

## 1.2 Use of custom Intents with Invanti - Velocity

If you use Invanti - Velocity app than you can use their Intents.

Following setup is an example for Ivanti – Velocity.

| Intent type | Intent code |
|---|---|
| Intent action | com.wavelink.intent.action.BARCODE |
| Intent category | android.intent.category.DEFAULT |
| Intent Extra (String) | com.wavelink.extra.data_string |
| Intent Extra (Byte Array) | Not set |

As soon you scan data, you will hear Velocity also making its own beep, indicating that it received the data.