Google SmartTap Terminal Specification

NEO3.x Platform

Rev. 51

# Introduction

## General

The purpose of this document is to introduce ID TECH NEO3.x family products which supports Google SmartTap 2.1. It also introduce the technical design of Google SmartTap.

* Introduction of NEO3.x family products
* Technical design of Google SmartTap 2.1.

# NEO3.x Family Products

ID TECH NEO3.x as a new generation of platform is designed for payment terminals. NEO3 family products shared the same MPU and code database. The NEO3 platform uses NuttX 10.2.0 as operating system. The NEO3 family products can process different kinds of brands cards. For example, MasterCard, VISA, Discover,Amex Expresspay, JCB, CUP,Interac,etc. It also can supports mobile wallet, like SmartTap and AppleVAS.

The NEO3.x family products includes Kiosk V, VP3350,VP7200,VP6825,VP8810,VP8810P and AP6800.



NEO3.x Family Products

## Hardware Model Number

|  |  |
| --- | --- |
| Product Name | Model Number |
| Kiosk V | IDVK-5xxx |
| VP3350 | IDMR-Sxx93x  IDMR-Nxx93x |
| VP7200 | ID72-xxxx  ID72N-xxxx |
| VP6825 | VP6825-xxxx |
| VP8810/VP8810P | VP8810-xxxx |
| AP6800 | AP6800-x3xxx  AP6800-x1xxx |

Model Number of NEO3 Products

*Note: “x” is wildcard.*

## Firmware Version

Following firmwares supports Google SmartTap 2.1

* FW v1.00.xxx.xxxx.S
* FW v2.00.xxx.xxxx

*Note: “x” is wildcard.*

## Application Version

SmartTap 2.1, v1.2

## Operating System

The operating system of NEO3.0 platform uses NuttX 10.2.0

## EMV Certification

## The products get approval from PCI SSC, EMV, MasterCard,VISA, Discover, AmexExpressPay, Interac, JCB,CUP,etc. For more information, please access ID tech portal: [Homepage - ID TECH Products](https://idtechproducts.com/).

# Technical documentation

## Configure the Colletor ID and other SmartTap settings

Use IDTECH’s USDK Demo to load Colletor ID, other SmartTap settings, including private key and key version, Receive the transaction result. USDK Demo can be downloaded from our company website.