**1. A brief introduction to the PUSH protocol (the PUSH SDK we often say):**

The PUSH protocol is a data protocol defined on the basis of the Hypertext Transfer Protocol (HTTP). It is built on a TCP / IP connection. It is mainly used for data interaction between ZKTeco time attendance and access control devices, and defines data ( User information, biometric template, attendance record / access control record, etc.) transmission format, command format of the control device; currently the servers supported ZKTeco WDMS, BioTime Pro, ZKBioSecurity3.0, ZKBioAccess, etc.

**Development languages：**Python, Java, asp.net，PHP, etc.

**Type:** The PUSH protocol is only divided into two types of attendance and access control, which is also applicable to Linux platforms and Android visible light devices, but it is necessary to distinguish the attendance firmware and access control firmware to prevent the application from being wrong.

1) T&A attendance push communication protocol

2) AC security push communication protocol

**Machine model:** ZKTeco devices that support the "ADMS" function

**1）T&A push:** FaceKiosk-V43, FaceKiosk-V32, FaceKiosk-H32, FaceKiosk-H21,

SpeedFace-V5, SpeedFace-H5, FaceDepot-7A, FaceDepot-7B, G4.

Compatibility Standalone Time & Attendance Devices with Linux, such as iClock Series /

IN Series / KF Series / MB Series / P Series / Silk Series / S Series / UA Series / uFace Series

/ VF Series / A Series/B Series/T Series/U Series/X Series,etc.

**2）AC push:** FaceDepot-7A, FaceDepot-7B, SpeedFace-V5, SpeedFace-H5, G4

Compatibility Standalone Access Control Devices with Linux, such as ProFace X / inBio

Pro Series / C3 Pro Series / Green Label Series/ F18-S/ F19-S/ New F21/ New F21 Lite/

New MultiBio800-H, etc.