



Certification Body : **PayCert**  
48 rue Montmartre  
75002 Paris  
France

Paris, August 14<sup>th</sup>, 2025

**Shenzhen Topwise Communication Co., Ltd.**  
5/F, Shengtang Building East Block, Tairan Road 9, Futian District,  
Shenzhen 518042,  
P. R. CHINA

***PURE Certification Letter – Kernel Product***

**Certified Kernel:**

Certificate Number: **STC.KER.218.2025-013**  
Marketing Name: PURE LIB  
Technical Name & Version: PURE LIB 120

PURE Specification Reference: v2.1.8  
PURE Reader Test Plan: v1.6-2

**As tested in:**

Terminal Name & Version: M3P 1.0.0  
OS: TOS 2.0.0  
Terminal Product Type: Integrated Reader  
Level 1 Approval Number: 17955 0722 310 31a 31a BCTS

Dear Customer,

PayCert has received a request, submitted by Shenzhen Topwise Communication Co., Ltd., your company, for the Certification of the Kernel product PURE LIB 120, hereafter referred to as the Product and identified above as “PURE LIB”.

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as STC.KER.218.2025-013A dated 2025/07/11 and we have assessed your Test Report (ref. Z25REP00-162 v1.0), which was generated by FIME CHINA, following the *PURE Contactless Reader/Kernel Test Cases* version v1.6-2.

After assessing such file in the Certification Evaluation Report (ref. PURE/EVR/KER/2025-104 v1.0.0), PayCert has found reasonable evidence that the submitted samples of the Product comply to the *PURE contactless reader Specifications for PURE Dual-Interface Cards & Mobile PURE* version v2.1.8, hereafter referred to as the “Reference Specification”.

PayCert hereby grants the Product Certification of compliance with the requirements stated by the Reference Specification, and will include your Product in the certified products list, published on PURE Certification website ([www.pure-payments.com](http://www.pure-payments.com)).



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Please note that PayCert's Certification (PURE/CLE/KER/2025-108\_v1.0.0) is subject to the following terms and conditions as listed hereafter:

i) If the Product is changed, Shenzhen Topwise Communication Co., Ltd. must notify PayCert of this fact in writing. Any change in the Product that may generate a different behaviour with respect to the Reference Specification or a difference in the Product Implementation Conformance Statement will be considered a major modification subject to a new evaluation in order to maintain the present Certification.

ii) The Present Certification granted to Shenzhen Topwise Communication Co., Ltd. for the above referenced Product is non-transferable to any other vendor.

iii) Under no circumstances does this certification letter include or imply any product or service warranties from PayCert, including without limitation, any implied warranties of merchantability, fitness for purpose, or non-infringement, all of which are expressly disclaimed by PayCert.

iv) The Present Certification is not an assessment of the product's security level or Level 1 compliance. It is the responsibility of the certificate's user to make sure the results of all assessments are still valid at the time of the product's approval or issuance.

The Certification Body has the right to terminate or revoke the Certification should any of the aforementioned terms and conditions be not respected.

Name: Laurence MASSON

Title: Chief Operating Officer



<b>Tested Terminal Characteristics:</b> <i>(During the initial kernel certification)</i>	<div>OS: TOS 2.0.0</div> <div>Physical Architecture:<div><div><input checked="" type="checkbox"/> Integrated Reader</div><div><input type="checkbox"/> Intelligent Reader</div><div><input type="checkbox"/> Transparent Card Reader</div></div></div> <div>Supported Options (see note 1):<table><tr><td>1</td><td>2</td><td>4</td><td>6</td><td>7</td><td>8</td></tr><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr></table></div>	1	2	4	6	7	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1	2	4	6	7	8								
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
<b>Tested Terminal Name :</b>	M3P 1.0.0												
<b>Additional Information :</b> <i>(For example configurable parts...)</i>	<u>Reader Module identification</u> : Entry LIB 140												

Option 1: GET DATA Transaction  
Option 2: PUT DATA Transaction  
Option 4: Application Authentication Transaction  
Option 6: Long Tap support  
Option 7: Online Additional Tap support  
Option 8: Echo command to retrieve the last Generate AC response.

## **Declaration of the terminals using the Certified PURE Kernel**

The present appendix is intended to declare a range of contactless terminals, implementing a certified PURE Kernel/Reader. Terminals are acknowledged as a range based on the same characteristics listed below:

- PURE Reader module (or Entry Point module);
- Operating System;
- Physical architecture

Terminal Identification :	Brand Name : M3 Model Name : M3 Version : 1.0.0 Level 1 : 17694 0122 300 30a 30a BCTS Usable Options (see note 2) :												
	<table><tr><td>1</td><td>2</td><td>4</td><td>6</td><td>7</td><td>8</td></tr><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr></table>	1	2	4	6	7	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	1	2	4	6	7	8							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
Differences with the terminal used for the kernel certification: M3 removes the printer based on M3P.													



Terminal Identification :	Brand Name : Q1 Model Name : Q1 Version : 1.0.0 Level 1 : 19378 0525 310 31a 31a BCTS Usable Options (see note 2) :					
	1	2	4	6	7	8
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Differences with the terminal used for the kernel certification: Q1 removes the printer and magnetic stripe card reader based on M3P.						

Terminal Identification :	Brand Name : TP10 Model Name : TP10 Version : 1.0.0 Level 1 : 18353 0623 310 31a 31a BCTS Usable Options (see note 2) :					
	1	2	4	6	7	8
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Differences with the terminal used for the kernel certification: TP10 removes the printer based on M3P.						