



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

Paris, 12 June 2024

Verifone Systems (China) Inc.
Room 301, ZhuoMing Plaza, No. 1069, South Huihe Street
Chaoyang District, Beijing
China

PURE Certification Letter – Kernel Product

Certified Kernel:

Certificate Number: VER.KER.218.2024-005
Marketing Name: VFC-CL-PURE
Technical Name & Version: VFC-CL-PURE 0.0.1.0b

PURE Specification Reference: V2.1.8
PURE Reader Test Plan: v1.6

As tested in:

Terminal Name & Version: X990 Mini V1.0
OS: Veriod VanOS-10
Terminal Product Type: Integrated Reader
Level 1 Approval Number: 18675 0124 310 31a 31a BCTC

Dear Customer,

PayCert has received a request, submitted by Verifone Systems (China) Inc., your company, for the Certification of the Kernel product VFC-CL-PURE 0.0.1.0b, hereafter referred to as the Product and identified above as “VFC-CL-PURE”.

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as VER.KER.218.2024-005A dated 2024/02/28 and we have assessed your Test Report (ref. Z24REP00-030 v1.0), which was generated by FIME(Shenzhen) Technology Co., Ltd, following the *PURE Contactless Reader/Kernel Test Cases version v1.6*.

After assessing such file in the Certification Evaluation Report (ref. PURE/EVR/KER/2024-051 v1.0.0), PayCert has found reasonable evidence that the submitted samples of the Product complies to the *PURE contactless reader Specifications for PURE Dual-Interface Cards & Mobile PURE version V 2.1.8*, hereafter referred to as the “Reference Specification”.



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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).

Please note that PayCert's Certification (PURE/CLE/KER/2024-056_v2.0.0) is subject to the following terms and conditions as listed hereafter:

i) If the Product is changed, Verifone Systems (China) Inc. 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 Verifone Systems (China) Inc. 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.

**The present certification letter supersedes the certification letter
ref. PURE/CLE/KER/2024-056_v1.0.0 issued on March 27th, 2024**

Name: Laurence MASSON

Title: Chief Operating Officer



Tested Terminal Characteristics: <i>(During the initial kernel certification)</i>	OS: Veriod VanOS-10 Physical Architecture: <input checked="" type="checkbox"/> Integrated Reader <input type="checkbox"/> Intelligent Reader <input type="checkbox"/> Transparent Card Reader Supported Options (see note 1): <table border="1"><thead><tr><th>1</th><th>2</th><th>4</th><th>6</th><th>7</th><th>8</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></tbody></table>	1	2	4	6	7	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1	2	4	6	7	8								
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>								
Tested Terminal Name :	X990 Mini V1.0												
Additional Information : <i>(For example configurable parts...)</i>	<u>Reader Module identification</u> : VFC-CL-PURE 0.0.1.0b												

- 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 : X990 Model Name : X990 Pro Version : V1.0 Level 1 : 18825 0424 310 31a 31a BCTC Usable Options (see note 2) : <table border="1"><thead><tr><th>1</th><th>2</th><th>4</th><th>6</th><th>7</th><th>8</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></tbody></table>	1	2	4	6	7	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>								
Differences with the terminal used for the kernel certification: The Antenna is changed from 4-circles to 3-circles, and the size is changed from 68mm * 74mm to 62mm * 42mm.													