



**IDENTIVE**

# @MAXX Light2

ID-000 smart card token with on board flash memory



- Small form factor ideal for mobile use
- ID-000 credential processing
- On board flash memory
  - Several partition types supported
- USB 2.0 host interface
- USB CCID & USB HID compliant version available
- Identive SmartOS™ powered

## Mobile security under your control

For security demanding corporate environments, Identive offers a number of solutions, ranging from desktop smart card readers to mobile tokens that can be used with a variety of smart card-technology based credentials.

The @MAXX Light2 offers on board flash memory for mobile desktop applications and ID-000 sized smart card reader capabilities to users.

The @MAXX Light2 can be used with standard USB (CCID and HID) class drivers provided by the host OS manufacturer. On Windows platforms, the Windows update functionality will automatically install the Identive CCID drivers if you are connected to the Internet. For the HID version Identive provides a PC/SC library.

## Typical Applications

@MAXX Light2 is a zero footprint device where no administrator rights on the host machine are required. The @MAXX Light2 with its on board flash memory is the ideal choice for mobile users that need to carry a secure virtual desktop with them. The mobile token can contain the digital identity of the user and the applications which make use of this digital identity.

Depending on the type of smart card chosen, it is possible to use your @MAXX for logging on to your PC, signing and encrypting documents or emails, authenticating to secure web sites or your company's virtual private network (VPN). It will also be possible to use your token to access your company's premises thanks to its contactless token functionality.

The @MAXX Light2 supports CD-ROM emulation, flash memory and hidden partitions. Identive customers can create a CD ROM partition containing their software and have the possibility to upgrade this partition through an Identive SDK once the mobile readers are deployed.

@MAXX Light2 mobile token enable strong two-factor authentication with something you have – i.e. your @MAXX Light2 mobile token and a smart card – and with something you know – i.e. your PIN code. Any smart card vendor can be used to supply the smart card needed for your @MAXX Light2 mobile reader. Identive can also supply you with those cards.





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## Mobile security under your control

Parameter	
<b>Host interface</b>	
Host interface	• USB 2.0 CCID (1.1 / 3.0 compliant)
Communication speed	• 12 Mbps (USB2.0 full speed)
<b>Flash memory</b>	
Flash size	• 4GB (8GB on demand)
Supported partition types	• CD-ROM emulation • Flash r/w • Hidden (sector based)
<b>Software</b>	
SDK	• Windows® XP/Vista/7/8 (32&64Bit), Windows® Server 2003/2008/2012 • MacOS 10.5.x, 10.6.x, 10.7.x, 10.8.x; Linux 2.6.x (32&64Bit)
<b>Smart card interface</b>	
Supported standards	• ISO/IEC 7816 Part 1 to 4
Supported tag ICs	• All major ISO/IEC 7816 compliant smart card IC support
Protocols	• T=0, T=1
Speed	• up to 412 kBit/s (depending on card)
Clock frequency	• ISO/IEC 7816 compliant, up to 8 MHz
Supported smart card types	• 5V, 3V and 1.8V, ISO/IEC 7816 class A/B/C
Power to smart card	• 60mA in class A, 55mA in class B, 35mA in class C
Smart card detection	• Automatic power on/off • Short circuit protection
Card size	• ID-000 (SIM format)
Contact type	• Sliding contacts 8-pin • C4/C8 connected to on board antenna (Plug In Type smart card support)
<b>Driver &amp; software</b>	
CCID USB class device PC/SC driver	PC/SC specification ver. 2.01.09 for • Windows® XP/Vista/7/8 (32&64Bit), Windows® Server 2003/2008/2012 • MacOS 10.5.x, 10.6.x, 10.7.x, 10.8.x; Linux 2.6.x (32&64Bit)
HID USB class device PC/SC library	PC/SC specification ver. 2.01.11 for • Windows® XP/Vista/7/8 (32&64Bit), Windows® Server 2003/2008/2012 • MacOS on request; Linux 2.6.x on request
Software	• PC/SC API • CT-API (through wrapper on top of PC/SC) • Synchronous-API (through wrapper on top of PC/SC) • SDK for Flash memory handling
<b>Operating conditions</b>	
Power Supply	• USB Bus powered
Power consumption	• < 220 mA, excluding smart card / < 2.5 mA in Standby Mode
Dimension	• 59x23x11.4 mm / 2.323x0.906x0.449 Inch
Weight	• 14g ± 5% / 0.030 lb ± 5%
Operating temperature range	• 0° to +50°C / +32 to +122 F
Storage temperature range	• -20 to +60°C / -4 to +140 F
Operating humidity range	• Up to 95%RH non condensing
MTBF	• 8.6 mio. hours
Connector	• USB Type A connector
Status indicator	• LEDs: yellow, blue
Firmware version	• CCID: V3.04, HID: V4.05
<b>Certifications / Compliances</b>	
Systems / Standards	• ISO/IEC 7816, USB 2.0 full speed, CCID, Microsoft® WHQL
Regulatory /Environmental	• CE, FCC, UL94, RoHS2, REACH
<b>Ordering information</b>	
P/N	CCID: 905329, HID: 905334

Technical data are subject to change without notice.

## Contacts

**Identive GmbH**  
Oskar-Messter-Str. 13  
85737 Ismaning  
Germany

**Identive Group, Inc**  
1900-B Carnegie Avenue  
Santa Ana, CA 92705  
USA

**Identive KK**  
GoogolPlex Millennium Building 6F  
4-4-20 Shiba, Minato-ku,  
Tokyo, 108-0014, Japan

**Identive GmbH**  
Unit 11, 4607-11,  
The CENTRE  
99 Queen's Road Central  
Hong Kong

Phone + 49 89 9595 5000  
sales@identive-infrastructure.com

Phone + 1 888 446 9008  
scmsales@identive-infrastructure.com

Phone + 81 3 6414 6611  
sales@identive-infrastructure.co.jp

Phone + 852 3796 7010  
sales@identive-infrastructure.com