

CLOUD 2700 R

Contact Smart Card Reader



Ready to use

Driver support for all major PC operating systems

All application ready

Supports all major smart card ICs and technologies in just one device

Fast

Transaction time optimized for maximum end user acceptance

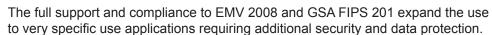
■ User Convenience

Modern design optimized for easy and ergonomic operation

SmartOS™ powered

Typical Applications

The Identive CLOUD 2700 R is the ideal PC-Linked USB contact smart card reader for a huge variety of applications. Providing full compliance with all major industry standards such as ISO/IEC 7816, USB CCID, PC/SC, and Microsoft WHQL the CLOUD 2700 R seamlessly works with virtually all contact smart cards and PC operating systems.



It represents the perfect mix between modern stylish design, ergonomic handling and a compact foot print.

The extended card data transmission rate of up to 600kBit/s with the support of TA1=97 enables shortest possible transaction times for maximum end user convenience.

The Identive specific SmartOS™ is featuring an easy and complete support of all major contact smart cards.

The end user experiences convenience, transaction time efficiency, security and reliability for use applications like network log-in, Windows authentication & Single Sign-On (SSO), banking and cashless payment applications as well as high security use cases for federal governments.



CLOUD 2700 R with optional Stand Holder

- Easy conversion into a vertical insertion card reader for enhanced, ergonomic user experience
- Flexible and fast adoption to application specific use case
- Reader can be ordered with pre-assembled stand holder





















CLOUD 2700 R

Contact Smart Card Reader

Parameter	CLOUD 2700R	CLOUD 2700R with Stand Holder	
Host Interface			
Туре	USB 2.0 CCID (USB 1.1 / 3.0 compliant)		
Communication Speed	12 Mbps (USB2.0 full speed)		
Smart Card Interface			
Supported standards	ISO/IEC 7816 Part 1 to 4 EMV 2008 Ver 4.2 Level 1		
Supported Tag ICs	All major ISO/IEC 7816 compliant Smart Card IC support		
Protocols	T=0, T=1		
Interface speed	up to 600 kBit/s (depending on card) TA1=97		
Clock frequency	ISO/IEC 7816 compliant up to 5 MHz, Operates up to 12 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	Card present switch Automatic power on/off Short Circuit protection		
Card size	ID-1		
Contact type	8 pin ID-1 Sliding Contact Socket C4/C8 support Card detect switch		
Driver& Software			
PC/SC driver	PC/SC Specification Ver. 2.01.09 for • Windows® XP/Vista/7/8 (32&64Bit) / Windows® Server 2003/2008/2012 / Windows® CE 6.0, 7.0 • MacOS 10.5.x, 10.6.x, 10.7.x, 10.8.x • Linux 2.4.x, 2.6.x (32&64Bit)		
Software	PC/SC API CT-API (through wrapper on top of PC/SC) Synchronous-API (through wrapper on top of PC/SC) M-Card API (through wrapper on top of PC/SC)		
Operating Conditions			
Power supply	USB Bus powered		
Power consumption	< 6mA, excluding smart card; <500µA in Standby Mode		
Dimension	70x60x16mm / 2.756x2.362x0.629 Inch	70x63x62mm / 2.756x2.480x2.441 Inch	
Weight	66 g ± 5% / 0.15 lb ± 5%	204 g ± 5% / 0.45 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		
Durability	Sliding Contacts 100.000 Card Insertions		
MTBF	100.000 hours		
Connector	1.5m USB Cable with USB Type A Connector		
Status indicator	LED		
Firmware	SmartOS™		
Firmware in-field upgradeable	No		
Certifications / Compliances			
Systems / Standards	EMV 2008 Ver 4.2 Level 1, ISO/IEC 7816, USB 2.0 Full Speed, CCID, Microsoft® WHQL		
Regulatory / Environmental			
Ordering Information	Ordering Information		
Product Part Number	905369	905369-1912	
EMVCs approval of the interfess module	I 2 (IFM) contained in this Terminal shall mean only that the IFM has been tested in	a considerate and for sufficient conformance with the EMV Charifications Version	

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CLOUD 2700 F

Contact Smart Card Reader



■ Ready to use

Driver support for all major PC operating systems

All application ready

Supports all major smart card ICs and technologies in just one device

Fast

Transaction time optimized for maximum end user acceptance

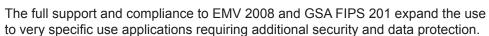
■ User Convenience

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SmartOS™ powered

Typical Applications

The Identive CLOUD 2700 F is the ideal PC-Linked USB contact smart card reader for a huge variety of applications. Providing full compliance with all major industry standards such as ISO/IEC 7816, USB CCID, PC/SC, and Microsoft WHQL the CLOUD 2700 F seamlessly works with virtually all contact smart cards and PC operating systems.



It represents the perfect mix between modern stylish design, ergonomic handling and a compact foot print.

The extended card data transmission rate of up to 600kBit/s with the support of TA1=97 enables shortest possible transaction times for maximum end user convenience.

The Identive specific SmartOS™ featuring a secure in-field firmware update to ensure a future proof investment.

The end user experiences convenience, transaction time efficiency, security and reliability for use applications like network log-in, Windows authentication & Single Sign-On (SSO), banking and cashless payment applications as well as high security use cases for federal governments.



CLOUD 2700 F with an optional Stand Holder

- Easy conversion into a vertical insertion card reader for enhanced, ergonomic user experience
- Flexible and fast adoption to application specific use case
- Reader can be ordered with pre-assembled stand holder









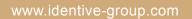














CLOUD 2700 F

Contact Smart Card Reader

Parameter	CLOUD 2700F	CLOUD 2700F with Stand Holder	
Host Interface			
Туре	USB 2.0 CCID (USB 1.1 / 3.0 compliant)		
Communication Speed	12 Mbps (USB2.0 full speed)		
Smart Card Interface			
Supported standards	ISO/IEC 7816 Part 1 to 4 EMV 2008 Ver4.2 Level 1		
Supported Tag ICs	All major ISO/IEC 7816 compliant Smart Card IC support		
Protocols	T=0, T=1		
Interface speed	up to 600 kBit/s (depending on card) TA1=97		
Clock frequency	ISO/IEC 7816 compliant up to 5 MHz, Operates up to 12 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	Card present switch Automatic power on/off Short Circuit protection		
Card size	ID-1		
Contact type	8 pin ID-1 Sliding Contact Socket C4/C8 support Card detect switch		
Driver& Software			
PC/SC driver	PC/SC Specification Ver. 2.01.09 for • Windows® XP/Vista/7/8 (32&64Bit) / Windows® Server 2003/2008/2012 / Windows® CE 6.0, 7.0 • MacOS 10.5.x, 10.6.x, 10.7.x, 10.8.x • Linux 2.4.x, 2.6.x (32&64Bit)		
Software	PC/SC API CT-API (through wrapper on top of PC/SC) Synchronous-API (through wrapper on top of PC/SC) M-Card API (through wrapper on top of PC/SC)		
Operating Conditions			
Power supply	USB Bus powered		
Power consumption	< 25mA, excluding smart card; <500µA in Standby Mode		
Dimension	70x60x16mm / 2.756x2.362x0.629 Inch	70x63x62mm / 2.756x2.480x2.441 Inch	
Weight	66 g ± 5% / 0.15 lb ± 5%	204 g ± 5% / 0.45 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		
Durability	Sliding Contacts 100.000 Card Insertions		
MTBF	100.000 hours		
Connector	1.5m USB Cable with USB Type A Connector		
Status indicator	LED		
Firmware	SmartOS™		
Firmware in-field upgradeable	Yes		
Certifications / Compliances			
Systems / Standards	EMV 2008 Ver 4.2 Level 1, ISO/IEC 7816, USB 2.0 Full Speed, CCID, Microsoft® WHQL		
Regulatory / Environmental CE, FCC, UL94, UL60950, VCCI, ICES, ANZ, CNS, HBCI, GSA APL, RoHS2, REACH, WEEE			
Ordering Information			
Product Part Number	905399	905399-1911	
EMVCo approval of the interface module	e (IFM) contained in this Terminal shall mean only that the IFM has been tested in	a accordance and for sufficient conformance with the EMV Specifications. Version	

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