EZ100 Series

PC/SC Smart Card Reader Solutions

CASTLES™ **TECHNOLOGY**

EZ100PU/ EZ100PR/ EZ100 CU
P = PS / SC
U = USB
R = RS232
C = CCID

SPECIFICATIONS

MECHANICAL	
Dimensions (mm)	85 mm (L) x 72 mm (W) x 17 mm (H)
Weight (g)	EZ100PR ~ 145g; EZ100PU ~ 115g
Housing Material	ABS; UL94V-0
Durability (Cycles)	IC Card: 200,000
Card Acceptor Type	User Card: Friction Type
Cable Length	120 cm
Safety Approval	UL, CNS, FCC, CE, EMV L1 (Version 2000)
ELECTRONIC	
Power Voltage (V)	EZ100PR: Powered by keyboard interface, 5V + 5% EZ100PU, EZ100CU: Powered by USB hub, 5V + 5%
Power Consumption (mA)	EZ100PR: Max.100; EZ100PU/CU: Max. 60
Connecting Interface	USB or RS232
Host Communication Speed	RS232: Upto115200 bps; USB: USB 2.0(Full Speed)12Mbps
IC Card Communication Speed	Up to 115200 bps
Environmental	Operating: 0˚C~50˚C; Storage: -35˚C~70˚C
FIRMWARE/ SOFTWARE/ CERTIFICATES	
Approval	PC/SC 1.0 Standard (EZ100PU)
Compliant IC Card Standard	CPU: ISO 7816- 1,2,3 T=1 and T=0 Protocol Memory Card: Synchronous 2- line, 3- line and IC Interface
Driver Support	EZ100PR: Win 95/98/ME/2000/NT4.0/XP/WIN7/CE/Linux EZ100PU: Win 98/ME/2000/XP/Vista/WIN7/WIN8 WIN10 (32&64)/ MACOS10.11/LINUX X86
SDK (Software Library)	EZ100PR/PU: PC/SC Compliant, CT-API
FUNCTION	
IC Card	1 User Card
Display	Dual Color (Green/Red) LED indicator

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