## 2-Door Web Access Controller

## LXKW302-40



## Key Features

- Work in main controller mode or sub controller mode with easy escalation of 20 controllers in total, managing maximum 40 doors
- Main controller system capacity supports 1000 users, 5000 cards, 3000 fingerprints, and 300,000 records
- Multiple verification methods including card, password, Bluetooth, fingerprint and a combination of the abovementioned.
- Built of flame-retardant PC and ABS material, it is both sturdy and elegant with an IK06 rating
- Communication with access card readers through Wiegand and RS-485 protocols
- Supplies power to locks through its 12 VDC output power supply with a maximum output current of 1000 mA
- Supports multiple types of alarm events including duress, tampering, intrusion, unlock timeout, and illegal card
- Supports multiple types of users including general, manager, guest, Blocklist, and more
- Retains stored data even while powered off
- Supports access management and configuration on webpage with the help of built-in server
- Features main and sub control modes. The main control mode offers user management, access control device management and configuration, and more options. Devices under sub-control modes can be added to multiple platforms
- Watchdog protects the system to allow the device to be stable and perform efficiently
- Sub controllers can be added to and managed by software platforms.

Specification LXKW302-40

Product Type         Centroller           CPU         Dual core 1 Grag           ROM         256 MB           ROM         4 CB           ROM         4 CB           Network Protectal         TCPP3P2PDNS;NNS,URP;IPv4           Interocerability         CDE; ONVIF           Third-party Compatibility         SDE; API           Status Indicator Light         SDE; API           Status Indicator Light         Solid dere Prover on Solid green: Operating normally Flashing blue: Updating grogram           Buzzer         Yes           Casing Material         PC + ABS           Function         Ver           Verification Method         Bluetooth; remote; fingerprint; password; card and combination           Period list         128 periods           Network Update         Yes           Restricted list/Trusted list         Yes           Restricted list/Trusted list         Yes           Peripherol Cord Reader         Supports 2 X RS-485 card readers; 2 X Wilegand card readers           Multi-person Unlock         Yes           Flist-person Unlock         Yes           Ves         Real-time Monitoring           Web Configuration         Yes           User Carcia) Type         General user, VIP user, guest	System		
RAM         2.56 MB           ROM         4.68           ROM         4.68           Network Protocol         TCPP2PDDNS;DNS;UDP;IPV4           Interoperability         CSI; DNWIF           Third-party Compatibility         SDK; API           Status Indicator Light         Solid green: Operating normally Perabiting red: Abnormal Fower Plashing blue: Updating program           Buzzer         Yes           Casing Material         PC + ABS           Fluntation         Function           Verification Method         Bluetooth; remote; fingerprint; password; card and combination           Period List         128 periods           Holiday Period         128 periods           Restricted Its/Trusted List         Yes           Restricted Its/Trusted List         Yes           Restricted Its/Trusted List         Yes           Peripheral Card Reader         Supports 2 × Rs-485 card readers; 2 × Wiegand card readers           Multi-person Unlock         Yes           Interlock         Yes           Anti-passback         Yes           Web Configuration         Yes           User (Card) Type         General user, VIP user, guest user, staff user, Blocklist user, manager and other users           Capacity         3000	Product Type	Controller	
ROM 4 GB Network Protocol TCP;P2P;DONS;DNS;UDP;Pv4 Interreperability CG; ONVIP Third party Compatibility SDK; API Status Indicator Light Slatus indicator Light Power on Solid reed; Abnormal Power Plashing title: Updating program  Buzzer Yes Casing Material PC I ABS Function  Verification Method Bluetooth; remote; fingerprint; password; card and combination  Period Ust 128 periods Holiday Period 128 periods Network Update Yes Restricted List/Trusted List Yes Peripheral Card Reader Supports 2 X RS-48S card readers; 2 X Wiegand card readers Multi-person Unlock Yes Instellock Yes Instellock Yes Real-time Monitoring Yes Web Configuration Yes User Capacity General user, VIP user, guest user, staff user, Blocklist user, manager and other users Capacity South Card Capacity South	CPU	Dual-core 1 GHz	
Network Protocol   TCP_PPP_DDNS_DNS_UDP_IPV6     Interoperability   CGI_ONVIF     Third-party Compatibility   Solid red: Power on Solid green: Operating normally     Status Indicator Light   Solid red: Power on Solid green: Operating normally     Solid green: Operating normal     Solid green	RAM		
Interoperability			
Status indicator Light   Solic API   Solid green: Operating normally Flashing reed: Abnormal Power Plashing blue: Updating program   Pozaring Material   Pozaring Ma			
Solid red: Power on Solid green: Operating normally Hashing led: Abornal Power Flashing blue: Updating program  Per ABS Function  Verification Method Bluetooth; remote; fingerprint; password; card and combination  Period List 128 periods  Holiday Period 128 periods  Holiday Period 128 periods  Network Update Ves  Restricted List/Trusted List Ves  Peripheral Card Reader Supports 2 × RS-485 card readers; 2 × Wiegand card readers  Multi-person Unlock Ves  Interlock Ves  Anti-passback Ves  Real-time Monitoring Ves  Web Configuration Ves  User (card) Type General user, VIP user, guest user, staff user, Blocklist user, manager and other users  Capacity Solomian control mode), 10000(sub control mode)  Fingerprint Capacity Solomian control mode), 50000(sub control mode)  Record Capacity Solomian control mode), 50000 (sub control mode)  Record Capacity Solomian control mode), 50000 (sub control mode)  Record Capacity Solomian control mode), 50000 (sub control mode)  Record Capacity Solomian control mode), 50000 (sub control mode)  Record Capacity Solomian control mode), 50000 (sub control mode)  Record Capacity Solomian control mode), 50000 (sub control mode)  Record Capacity Solomian control mode), 50000 (sub control mode)  Record Capacity Solomian control mode), 50000 (sub control mode)  Record Capacity Solomian control mode), 50000 (sub control mode)  Record Capacity Solomian con			
Solid genen. Operating normally Plashing reid. Anormal Power Plashing blue: Updating program  8uzzer Ves Casing Material PC+ ABS Function  Verification Method Bluetooth; remote; fingerprint; password; card and combination  Period Lis: 128 periods Hollday Period 128 periods Hollday Period 128 periods Network Update Yes Restricted List/Trusted List Ves Peripheral Card Reader Supports 2 × RS-48S card readers; 2 × Wiegand card readers Multi-person Unlock Yes First-person Unlock Yes Interlock Yes Anti-passback Ves Real-time Monitoring Ves Web Configuration Ves Luser (Card) Type General user, VIP user, guest user, staff user, Blocklist user, manager and other users  Capacity Solo (Miniar control mode), 10000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Record Capacity Solo (Miniar control mode), 50000 (sub control mode) Reco	Inird-party Compatibility		
Casing Material         PC + ABS           Function           Verification Method         Bluetooth; remote; fingerprint; password; card and combination           Period List         128 periods           Hollday Period         128 periods           Network Update         Yes           Restricted List/Trusted List         Yes           Peripheral Card Reader         Supports 2 × RS-485 card readers; 2 × Wiegand card readers           Multi-person Unlock         Yes           First-person Unlock         Yes           Interlock         Yes           Anti-passback         Yes           Real-time Monitoring         Yes           Web Configuration         Yes           User (Card) Type         General user, VIP user, guest user, staff user, Blocklist user, manager and other users           Capacity         1000(main control mode), 10000(sub control mode)           Eingerprint Capacity         3000           Eingerprint Capacity         5000(main control mode), 50000(sub control mode)           Record Capacity         5000(main control mode), 50000(sub control mode)           Bluetooth Card Capacity         5000           Port           Rs-485         3           Wiegand         2 (input)           Network Port	Status Indicator Light	Solid green: Operating normally Flashing red: Abnormal Power	
Function           Verification Method         Bluetooth; remote; fingerprint; password; card and combination           Period List         128 periods           Holiday Period         128 periods           Network Update         Yes           Restricted List/Trusted List         Yes           Peripheral Card Reader         Supports 2 × RS-485 card readers; 2 × Wiegand card readers           Multi-person Unlock         Yes           First-person Unlock         Ves           Anti-passback         Yes           Real-time Monitoring         Yes           Web Configuration         Yes           User (Card) Type         General user, VIP user, guest user, staff user, Blocklist user, manager and other users           Capacity         1000(main control mode), 10000(sub control mode)           Fingerprint Capacity         3000           Card Capacity         30000           Bluetooth Card Capacity         5000           Bluetooth Card Capacity         5000           Bluetooth Card Capacity         5000           Port         8x-485         3           Wiegand         2 (input)           Network Port         1 x RI-45 10/100 Mbps Ethernet port           Alarm Dutput         2           Alarm Link			
Period List 128 periods 128 pe		PC + ABS	
Period List 128 periods  Holiday Period 128 periods  Network Update Yes  Restricted List/Trusted List  Peripheral Card Reader Supports 2 × RS-485 card readers; 2 × Wiegand card readers  Multi-person Unlock Yes  First-person Unlock Yes  Interlock Yes  Anti-passback Yes  Real-time Monitoring Yes  Web Configuration Yes  User (Card) Type General user, VIP user, guest user, staff user, Blocklist user, manager and other users  Capacity  User Capacity 1000(main control mode), 10000(sub control mode)  Fingerprint Capacity 3000  Card Capacity 5000(main control mode), 50000(sub control mode)  Record Capacity 5000(main control mode), 50000(sub control mode)  Record Capacity 5000(main control mode), 50000(sub control mode)  Record Capacity 300000  Bluetooth Card Capacity 5000  Port  RS-48S 3  3  Weegand 2 (input)  Network Port 1 × RJ-45 10/100 Mbps Ethernet port  Alarm Input 2  Alarm Output 2  Alarm Output 12	Function		
Network Update Yes Restricted List/Trusted List Peripheral Card Reader Supports 2 × RS-485 card readers; 2 × Wiegand card readers Multi-person Unlock Yes First-person Unlock Yes Interlock Yes Anti-passback Yes Real-time Monitoring Yes Web Configuration Yes User (Card) Type General user, VIP user, guest user, staff user, Blocklist user, manager and other users Capacity User Capacity 1000(main control mode), 10000(sub control mode) Fingerprint Capacity 3000 Card Capacity 5000(main control mode), 50000(sub control mode) Record Capacity 300000 Bluetooth Card Capacity 5000 Port RS-485 3 S Wegand 2 (input) Network Port 1 × RJ-45 10/100 Mbps Ethernet port Alarm Unput 2 Alarm Output 2 Alarm Unkage Yes	Verification Method	Bluetooth; remote; fingerprint; password; card and combination	
Restricted List/Trusted List Peripheral Card Reader Supports 2 × R5-485 card readers; 2 × Wiegand card readers Multi-person Unlock Yes First-person Unlock Yes Interlock Anti-passback Yes Real-time Monitoring Yes Web Configuration Yes User (Card) Type General user, VIP user, guest user, staff user, Blocklist user, manager and other users Capacity User Capacity 1000(main control mode), 10000(sub control mode) Fingerprint Capacity S000(main control mode), 50000(sub control mode) Record Capacity S000 Bluetooth Card Capacity S000 Bluetooth Card Capacity S000 Reserved R5-485 3 Wiegand 2 (input) Network Port 1 × R1-45 10/100 Mbps Ethernet port Alarm Input 2 Alarm Output 2 Alarm Output 2 Alarm Linkage Yes	Period List	128 periods	
Restricted List/Trusted List Peripheral Card Reader Supports 2 × R5-485 card readers; 2 × Wiegand card readers Multi-person Unlock Yes First-person Unlock Yes Interlock Anti-passback Yes Real-time Monitoring Yes Web Configuration Yes User (Card) Type General user, VIP user, guest user, staff user, Blocklist user, manager and other users Capacity User Capacity 1000(main control mode), 10000(sub control mode) Fingerprint Capacity 3000 Card Capacity 1000(main control mode), 50000(sub control mode) Record Capacity S000(main control mode), 50000(sub control mode) Record Capacity S000 Record Capacity S000 Respons Respons Respons Supports Su	Holiday Period	128 periods	
Peripheral Card Reader  Multi-person Unlock  Yes  First-person Unlock  Yes  Interlock  Anti-passback  Yes  Anti-passback  Yes  Web Configuration  Yes  User (Card) Type  General user, VIP user, guest user, staff user, Blocklist user, manager and other users  Capacity  User Capacity  1000(main control mode), 10000(sub control mode)  Fingerprint Capacity  1000(main control mode), 50000(sub control mode)  Record Capacity  Souo  Souo  Bluetooth Card Capacity  5000  Port  RS-485  3  Wiegand  2 (input)  Network Port  1 × RJ-45 10/100 Mbps Ethernet port  Alarm Unput  2  Alarm Untput  2  Alarm Untput  7  Yes	Network Update	Yes	
Multi-person Unlock Yes  First-person Unlock Yes  Interlock Yes  Anti-passback Yes  Real-time Monitoring Yes  Web Configuration Yes  User (Card) Type General user, VIP user, guest user, staff user, Blocklist user, manager and other users  Capacity  User Capacity 1000(main control mode), 10000(sub control mode) Fingerprint Capacity 5000(main control mode), 50000(sub control mode)  Record Capacity 5000(main control mode), 50000(sub control mode)  Record Capacity 5000  Bluetooth Card Capacity 5000  Port  RS-485 3  Wiegand 2 (input)  Network Port 1 × RJ-45 10/100 Mbps Ethernet port  Alarm Unput 2  Alarm Output 2  Alarm Output 4  Alarm Unbage Yes	Restricted List/Trusted List	Yes	
Interlock Yes  Anti-passback Yes  Real-time Monitoring Yes  Web Configuration Yes  User (Card) Type General user, VIP user, guest user, staff user, Blocklist user, manager and other users  Capacity  User Capacity 1000(main control mode), 10000(sub control mode)  Fingerprint Capacity 3000  Card Capacity 5000(main control mode), 50000(sub control mode)  Record Capacity 300000  Bluetooth Card Capacity 5000  Port  RS-485 3  Wiegand 2 (input)  Network Port 1 × RJ-45 10/100 Mbps Ethernet port  Alarm Input 2  Alarm Output 2  Alarm Output 2  Alarm Output 4  Alarm Output 7 × 8 × 9 × 9 × 9 × 9 × 9 × 9 × 9 × 9 × 9	Peripheral Card Reader	Supports 2 $ imes$ RS-485 card readers; 2 $ imes$ Wiegand card readers	
Interlock Yes  Anti-passback Yes  Real-time Monitoring Yes  Web Configuration Yes  User (Card) Type General user, VIP user, guest user, staff user, Blocklist user, manager and other users  Capacity  User Capacity 1000(main control mode), 10000(sub control mode)  Fingerprint Capacity 3000  Card Capacity 5000(main control mode), 50000(sub control mode)  Record Capacity 300000  Bluetooth Card Capacity 5000  Port  RS-485 3  Wiegand 2 (input)  Network Port 1 × RJ-45 10/100 Mbps Ethernet port  Alarm Input 2  Alarm Output 2  Alarm Output 2  Alarm Linkage Yes	Multi-person Unlock	Yes	
Anti-passback Yes  Real-time Monitoring Yes  Web Configuration Yes  User (Card) Type General user, VIP user, guest user, staff user, Blocklist user, manager and other users  Capacity  User Capacity 1000(main control mode), 10000(sub control mode)  Fingerprint Capacity 3000  Card Capacity 5000(main control mode), 50000(sub control mode)  Record Capacity 30000  Bluetooth Card Capacity 5000  Port  RS-485 3  Wiegand 2 (input)  Network Port 1 × RJ-45 10/100 Mbps Ethernet port  Alarm Input 2  Alarm Output 2  Alarm Untput 2  Alarm Linkage Yes	First-person Unlock	Yes	
Real-time Monitoring Yes  Web Configuration Yes  User (Card) Type General user, VIP user, guest user, staff user, Blocklist user, manager and other users  Capacity  User Capacity 1000(main control mode), 10000(sub control mode)  Fingerprint Capacity 3000  Card Capacity 5000(main control mode), 50000(sub control mode)  Record Capacity 300000  Bluetooth Card Capacity 5000  Port  RS-485 3  Wiegand 2 (input)  Network Port 1 × RJ-45 10/100 Mbps Ethernet port  Alarm Input 2  Alarm Output 2  Alarm Output 2  Alarm Linkage Yes	Interlock	Yes	
Web ConfigurationYesUser (Card) TypeGeneral user, VIP user, guest user, staff user, Blocklist user, manager and other usersCapacity1000(main control mode), 10000(sub control mode)Fingerprint Capacity3000Card Capacity5000(main control mode), 50000(sub control mode)Record Capacity300000Bluetooth Card Capacity5000PortRS-4853Wiegand2 (input)Network Port1 × RJ-45 10/100 Mbps Ethernet portAlarm Input2Alarm Output2Alarm OutputYes	Anti-passback	Yes	
User (Card) Type General user, VIP user, guest user, staff user, Blocklist user, manager and other users  Capacity  User Capacity 1000(main control mode), 10000(sub control mode)  Fingerprint Capacity 3000  Card Capacity 5000(main control mode), 50000(sub control mode)  Record Capacity 300000  Bluetooth Card Capacity 5000  Port  RS-485 3  Wiegand 2 (input)  Network Port 1 × RJ-45 10/100 Mbps Ethernet port  Alarm Input 2  Alarm Output 2  Alarm Linkage Yes	Real-time Monitoring	Yes	
User Capacity 1000(main control mode), 10000(sub control mode) Fingerprint Capacity 3000 Card Capacity 5000(main control mode), 50000(sub control mode) Record Capacity 300000 Bluetooth Card Capacity 5000 Port RS-485 3 Wiegand 2 (input) Network Port 1 × RJ-45 10/100 Mbps Ethernet port Alarm Input 2 Alarm Output 2 Alarm Linkage Yes	Web Configuration		
User Capacity 1000(main control mode), 10000(sub control mode)  Fingerprint Capacity 3000  Card Capacity 5000(main control mode), 50000(sub control mode)  Record Capacity 300000  Bluetooth Card Capacity 5000  Port  RS-485 3  Wiegand 2 (input)  Network Port 1 × RJ-45 10/100 Mbps Ethernet port  Alarm Input 2  Alarm Output 2  Alarm Linkage Yes		General user, VIP user, guest user, staff user, Blocklist user, manager and other users	
Fingerprint Capacity 3000  Card Capacity 5000(main control mode), 50000(sub control mode)  Record Capacity 300000  Bluetooth Card Capacity 5000  Port  RS-485 3  Wiegand 2 (input)  Network Port 1 × RJ-45 10/100 Mbps Ethernet port  Alarm Input 2  Alarm Output 2  Alarm Linkage Yes			
Card Capacity 5000(main control mode), 50000(sub control mode)  Record Capacity 300000  Bluetooth Card Capacity 5000  Port  RS-485 3  Wiegand 2 (input)  Network Port 1 × RJ-45 10/100 Mbps Ethernet port  Alarm Input 2  Alarm Output 2  Alarm Linkage Yes			
Record Capacity 300000 Bluetooth Card Capacity 5000  Port  RS-485 3 Wiegand 2 (input)  Network Port 1 × RJ-45 10/100 Mbps Ethernet port  Alarm Input 2 Alarm Output 2 Alarm Linkage Yes			
Bluetooth Card Capacity Port  RS-485 3 Wiegand 2 (input) Network Port 1 × RJ-45 10/100 Mbps Ethernet port  Alarm Input 2 Alarm Output 2 Alarm Linkage Yes			
RS-485 3 Wiegand 2 (input) Network Port 1 × RJ-45 10/100 Mbps Ethernet port Alarm Input 2 Alarm Output 2 Alarm Linkage Yes			
RS-485 3 Wiegand 2 (input) Network Port 1 × RJ-45 10/100 Mbps Ethernet port Alarm Input 2 Alarm Output 2 Alarm Linkage Yes			
Wiegand2 (input)Network Port1 × RJ-45 10/100 Mbps Ethernet portAlarm Input2Alarm Output2Alarm LinkageYes		3	
Network Port     1 × RJ-45 10/100 Mbps Ethernet port       Alarm Input     2       Alarm Output     2       Alarm Linkage     Yes			
Alarm Input 2 Alarm Output 2 Alarm Linkage Yes			
Alarm Output 2 Alarm Linkage Yes			
Alarm Linkage Yes			
	Exit Button	2	

Door Sensor	2
Lock Control	2
Alarm	
Tamper Alarm	Yes
Duress Alarm	Yes
Door Sensor Timeout	Yes
Intrusion	Yes
Illegal Card Exceeding Threshold	Yes
Duress Fingerprint	Yes
General	
Power Supply	Power in: 12V DC or Power over Ethernet IEEE 802.3at Type 2 Class 4
Protection Level	IK06
Power Consumption	Standby Power (no peripheral devices):  ≤2 W  Working Power:  Total power budget if powered by DC: 1700 mA at 12 V for peripheral devices (locks, readers etc.)  Total power budget if powered by PoE: 1200 mA at 12 V for peripheral devices (locks, readers etc.)
Product Dimensions	$7.34" \times 7.31" \times 2.30" (186.4 \text{ mm} \times 185.8 \text{ mm} \times 58.3 \text{mm}) \text{ (L } \times \text{ W} \times \text{ H)}$
Packaging Dimensions	10.00" $\times$ 9.57" $\times$ 3.39"(254 mm $\times$ 243 mm $\times$ 86 mm) (L $\times$ W $\times$ H)
Operating Temperature	+14°F to 131°F(-10°C to +55°C)
Operating Humidity	5% - 95% (RH), non-condensing
Operating Environment	Indoor
Net Weight	1.59 lb( 0.72 kg)
Gross Weight	2.18 lb( 0.99 kg)
Installation	Guide Rail Mount; Surface Mount
Certifications	FCC







