# LTK28 Series Access Control NVMS7000 Quick Setup Guide

Please follow user manual and finish physical connection of the controller and card readers first. Connect your LTK28 Controller to the same network as your PC, do NOT use POE on it.

This Guide is using NVMS7000 V2.6.2.50\_170922 and LTK2804 V2.0.2\_171122

## Download Software

Download PC NMVS7000 Software at <u>http://dl.ltsecurityinc.com/software/NVMS7000.zip</u> and IP Portal at <u>http://dl.ltsecurityinc.com/software/Platinum%20IP%20Portal.zip</u>. Install them both.

## Activation and Controller Time Setup

1. Use IP Portal activate your LTK28 Controller and set IP address, note there is no DHCP and controller will reboot after IP setup.

•	🥪 IP Portal									
Tot	al numb	per of online devices: 1	0					Export		
	ID	▲   Device Type	Security	IPv4 Address	Port	Software Version   IPv	4 Gateway   HTTP Po	rt   Device Serial I		
	001	LTN8916-P16	Active	192.168.1.199	8000	V3.4.93build 170 19	2.168.1.1 80	LTN8916-P161		
	002	LTK2804	Inactive	192.0.0.64	8000	V2.0.1build 1711 0.0	.0.0 N/A	LTK280420171		

2. Enable access control module in NVMS7000, under Operation and Control second page (Click the grey dot), Selecting Modules.

Enable Access Control and Status Monitor. One can also enable the other modules if needed.



#### **Operation and Control**



E-map Adding, modifying, deleting, and basic operations of E-map.



Selecting Modules Showing/Hiding modules.



3. Add LTK28 Controller into your NVMS7000. Ensure group is setup properly.

			Add	3	
Adding Mode:					
IP/Domain	IP Segment		PT Cloud Domain 🔘 EHome	Serial Port	
IP Server	HIDDNS		Batch Import		
Add Offline Device	9				
	Nickname:		LTK2804		
	Address:		192.168.1.200		
	Port:		8000		
	User Name:		admin		
	Password:		••••••		
	Export to Group				
	Set the device name connected to the dev	as t vice t	the group name and add all the channels to the group.		
			A	dd Cancel	

4. Setup Controller time via Remote Configuration.

	F	Remote Configuration	×					
🖃 🚳 System	Configuring the Time Settings (e.g., NTP, DST)							
Device Information	Time Zone							
🎡 General	Select Time Zone: (GMT-05:00) Eastern Time (US & Canada), Bo							
🏶 Time	Enable NTP							
System Maintenance	Sonor Address:	1						
🎡 User	Server Address.	400						
Security	Superinterval:	60	Minute(a)					
Ko Network	Sync Interval.	00	militie(5)					
🗄 🚱 Alarm								
	Start Time:	March V Second We	ek v Sun v 2 i 00					
Government     Generation	End Time:	November 👻 Last Week	✓ Sun ✓ 2 ▲ :00					
Status	DST Bias:	60 min 🗸						
			Save					

5. Input DNS info. The controller will reboot.

		Re	emote Configuration	×
C C	<ul> <li>System</li> <li>Device Information</li> <li>General</li> <li>Time</li> <li>System Maintenance</li> <li>User</li> <li>Security</li> <li>Network</li> <li>General</li> </ul>	Configuring the Advan DNS1 IP Address: DNS2 IP Address: Security Control Platform Security Control Platform	nced Network Settings : 8.8.8 : 0.0.00 : 0.0.0 : Save	
	Advanced Settings			

# Input Person, Card Info and Permissions

1. Add Organization and person information



	Add Organization	×
Organization:		
	ОК	Cancel

	Add Person ×
Person No.:	1 *
Person Name:	*
Gender:	● Male   ○ Female   *
Phone No.:	
Date of Birth:	2017-12-08
Place of Birth:	
Email:	
	Upload Picture Take Photo
🕄 Dataile 🕒	Parmission 🔛 Card — Face Picture 🧔 Fingerprint 🕞 Attendance Pule
ID Type:	ID Country:
ID No.:	City:
Job Title:	Degree: Junior High School Diploma V
On Board Date:	2017-12-08 Employment Duration: 10
Linked Device:	<b>`</b>
Room No.:	
Address:	
Remark:	
	OK Cancel

2. Add cards

🕂 Add	🖾 Modify 🗙 D	elete	🕼 Link Fing	蹤 QR Code	Link Face Pi	ere (			
Index			Add Card	I		•			
	Card Type:	Norm	al Card			~			
	Card Password:	Password							
	Effective Period:	From	2017-12-08 📆	To 202	7-12-08 📆				
		Ac	cess Controller	[	~				
	Card Reader Mode:	O Ca	rd Enrollment S	Set Card Enro	Ilment Station	Read			
		🔘 Ma	nually input	[		Enter			
	Index I C	Card No	No Card Type Card Effective Period						

There are 3 methods of adding card number to a person. You can add card via an Wiegand access controller reader, a USB card issuer, or manually input the card number. Once the card is read, its number will show up. You can add multiple cards here.

			Add Car	rd			,		
Card Type:	Norm	al Card					~		
Card Password:	Pass	Password							
Effective Period:	From	2017-12-0	08 📆 80	То	2027-12	-08	<u>1</u>		
	Ac	cess Co	Entrar	nce Car	d Reader1	Y	[		
Card Reader M	O Ca	ard Enroll	Set Ca	ard Enr	oliment Stat	ion	Stop Reading		
	O Ma	inually In	[				Enter		
Index	Card N	lo.	Card Ty	pe	Card Effe	ectiv	e Period		
1	1992662	22	Normal	Card	2017-12-0	08 00	):00:00-2027-1		
2	0045379	95	Normal	Card	2017-12-0	08 00	0:00:00-2027-1		

Click OK, and then this person's profile is created.

3. Set time template

By default, there are 24/7 schedule (Whole Week Schedule) and Blank Template. One can create customized templates easily.

ţ	Control Panel	Access C	control	• I 🔊	Status Monitor			Time and Attendance	1	4
	Week Schedule	E Holiday Grou	p 🔳	Template						
	Add Week	Delete W	P	roperty						
	Search		ρ							
5	Whole Week	Schedule		Week Schedule		Mo	orning			
	🛅 Blank Templa	ite								
	Morning				Remark:					

4. Add Permission

All persons and controllers added in the data base can be chosen in this page. Max 10,000 cards and 16 controllers can be managed at the same time.

Apply the changes, and you are all set!

	A	dd P	ermi	ssion	×
Permission Name:	All Doors				
Template:	Whole Week Template		~	Add Template	
Person				Selected Person	
Search		9		Search	2
🖃 🗹 崙 LTS				Person Name   Organization	1
🗹 🚨 A				🚨 A LTS	
			>		
			<		
Access Control Poin	t/Device			Selected Access Control Point/Device	
Search		9		Search	P
🛃 🗹 📹 LTK2804				Access Contro   Door Group	Ô
🖃 🗹 😂 LTK2802				Door1 LTK2804	
🗹 📕 Door	1_LTK2802		>	Door2 LTK2804	
🗹 📕 Door	r2_LTK2802		<	Door3 LTK2804	U
				Boor4 LTK2804	
				Boor1 LTK2802	-
				0//	
				OK Canc	er

# Advanced features

There are plenty advance features provided. Most used ones include: Anti-passing Back, Authentication Password and Open Door with First Card.

1. Anti-passing Back

Contr	Control Panel Access Co	ntrol 🚺 🎲 Status Monitor 🛛 🛗 Time and Attendance 🛛 💒 Event Management 🛛 🔜
-	Access Control Parameters 🔣 Ca	rd Reader Authentication 🚦 Multiple Authentication 📼 Open Door with First Card 👎 Anti-passing Back 🛊
66	Controller List	Property
	Search	
EO	🛃 LTK2804	Controller Name: LTK2802
	LTK2802	First Card Read Disable
		Index Card Enrollment Stati   Card Reader Afterward
a°		1 Entrance Card Reader1 Exit Card Reader2
		2 Exit Card Reader2
Q.		3 Entrance Card Reader3 Entrance Card Reader1
		4 Exit Card Reader4

The logic is, scanning Card Enrollment Station to allow access on Card Reader Afterward. When a reader is set as Card Enrollment Station, it must also be a Card Reader Afterward otherwise no card will be allowed.

#### 2. Authentication Password

_	Access Control Parameters	d Reader Authentica	ion 🔛 Multiple A	Authentication 📼 Open Door with First Card 👎 Anti-passing Back 🏶 Cross-Controller Anti-passing Back 🖺 Multi-door Interfocking 📕 Authentication Password
- ño	Controller List	Card List		
	Search P			
Fo	LTK2804	Card No.	Person Name	Password
~	🛃 LTK2802	19926622	Α	Please input the authentication password.
Ŷ		00453795	Α	Please input the authentication password.
¢°				

One can input a password attached to a card in the database.

After creating the password, one must set Card Reader Authentication to allow password.

ţţţ	Control Panel Access Con	trol	)) Status M	Aonitor 🛛 🛗 Time and	d Attendance		Event Manager	nent		evice N	lanageme	
	📕 Access Control Parameters 🔣 Card	d Reader Aut	thentication	Multiple Authentication	💼 Open Door wit	h First Ca	ard 軍 Anti-j	passing Back	串	Cross-	Controller	
	Controller List	Property										
	Search P	Card Reader Name:		Entrance Card Reader1								
EO	🖃 🛃 LTK2804		ation Mode									
	T Entrance Card Reader1	Card		Card Or Authenti								
	📲 Exit Card Reader2											
	📲 Entrance Card Reader3	Card Read	der Authentica	ation Week Schedule Settings								
a° .	📲 Exit Card Reader4		_	Config Reader Authentication Mode ×								
	📲 Entrance Card Reader5	Mon	0 2	Optional modes:			Selected mode	es:				
	📲 Exit Card Reader6			Card			Card			$\uparrow$	$\downarrow$	
	📹 Entrance Card Reader7	Tue	0 2	Card and Password			Card Or Authe	ntication Pass	word	$\uparrow$	$\downarrow$	
	📲 Exit Card Reader8			Card Or Authentication Pass	word	//						
	🖃 🛃 LTK2802	Wed	0 2			<b>«</b>						
	📲 Entrance Card Reader1		0 2									
	📲 Exit Card Reader2	Thu										
	📲 Entrance Card Reader3		0 2									
	Tit Card Reader4	Fri	Ĺ					ОК		Car	icel	

Use Configuration button on the right to bring out Card Or Authentication Password Mode. Click on it and drag to create schedule. One can click on the colored bar to manually input time.

Mon	0 2	4	6	8	10	12	14	16	18	20	22	24
	Card Or Auth	01:55	÷-:	23:59 🛟	OK							
	0 2	. 4	6	8	10	12	14	16	18	20	22	24

The settings can be copied to week and readers of all controllers connected.

Mon	<u>و</u>	2	. 4	6	. 8	10	)	12		14	. 1	Search
Tue	Card	Or Auth. 2	01:5	5 ‡ - 2 6	23:59 🗘	OK	, <sub>-</sub>	12		14	1	LTK2804     Door1     Door2
Wed	Ê	2	4	6	8	10	, ,	12	4	14	, 1	Door3     Door4
Thu	Ê	2	. 1	6	8	10	, ,	12		14	1	LTK2802
Fri	Ê	2	, 4	6	. 8	1	)	12	-	14	1	Entrance Card Reader1     Evit Card Reader2
Sat	Ê	2	4	6	8	10	, ,	12		14	1	Door2
Sun	0	2	, 4	6	8	10	) .	12		14	, 1	<ul> <li>Entrance Card Reader3</li> <li>Exit Card Reader4</li> </ul>

### 3. Open Door with First Card

One can either hold the door open for up to 1440 mins after first card scanned, or enable other authentication actions.

	Access Control Parameters 🔣 Card	Reader Authentication 🛗 Multiple Authentication 📼 Open Door with First Card 🐺 Anti-passing B									
66	Controller List	Door Open by First Card Parameters									
E.	Search	Access Control Point	First Card Mode	Remain Open Duration (mins)							
E(§	LTK2804	Door1	Remain Open with First Card 🗸	1440							
~	🛃 LTK2802	Door2	First Card Authorization 🗸 🗸	10							
V I		Door3	Disable Remain Open with 👻	10							
		Door4	Disable Remain Open with 👻	10							
\$		First Card List									
.0.		+ Add × Delete									
20		Card No. Person N	lame Effective Date	Expiry Date							
		00453795 A	2017-12-08	2027-12-08							

Once the door remains open via first card, one can either scan again to remove the remain open or wait till it expires.

First Card Authorization: All authentications, except for the authentications of super card, duress card, and duress code, are allowed only after the first card authorization.

## Video Verification

File System View Tool Help	۵	NVMS7000	<u> </u>	1			
Control Panel 🚺 Acce	ss Control 🛛 🚺 Status Monitor 🔺 🛗 Time and Attendance 🔹 🚑 Event Management 📜 🚬	Device Management					
🔄 Camera Event 🎄 Alarm Input 🚍	Exception 🗰 Zone Event 🚪 Access Control Event 🧟 Access Control Alarm Input 📰 Event Card Linkage 📼	Cross-Device Link	age Pyronix Control Pai	nel I			
Access Control Device							
Search P	Event Type:	Trigger Camera:	· ·				
- Door1	I All	Trigger Client	Search P				
🔚 Entrance Card Read	✓ Duress Alarm	Audible Warn	TK2804				
The Exit Card Reader2	✓ Card Reader Tampering Alarm	🗹 Email Linkage	TK2802				
💿 📓 Door2	Normal Card Authentication Passed	Alarm Trigger					
🕑 🧧 Door3	Card and Password Authentication Passed						
🔹 🧧 Door4							
le Event1	✓ Card Reading Failed Attempts Reach Limit		🎳 IP Camera2				
Event2	✓ Card and Password Authentication Attempts Reach Limit		IP Camera3				
A Event3	✓ No Permission for Normal Card		IP Camera4				
A Frankl	✓ Invalid Duration		IP Camera5				
	Expired Card		IP Camera6 *				
C & LIN2002	✓ Invalid Card						

Under Event Management-Access Control Event, one can choose trigger camera from the drop menu. After saving the settings, pop out video, live event instant playback and log search remote playback is available.



