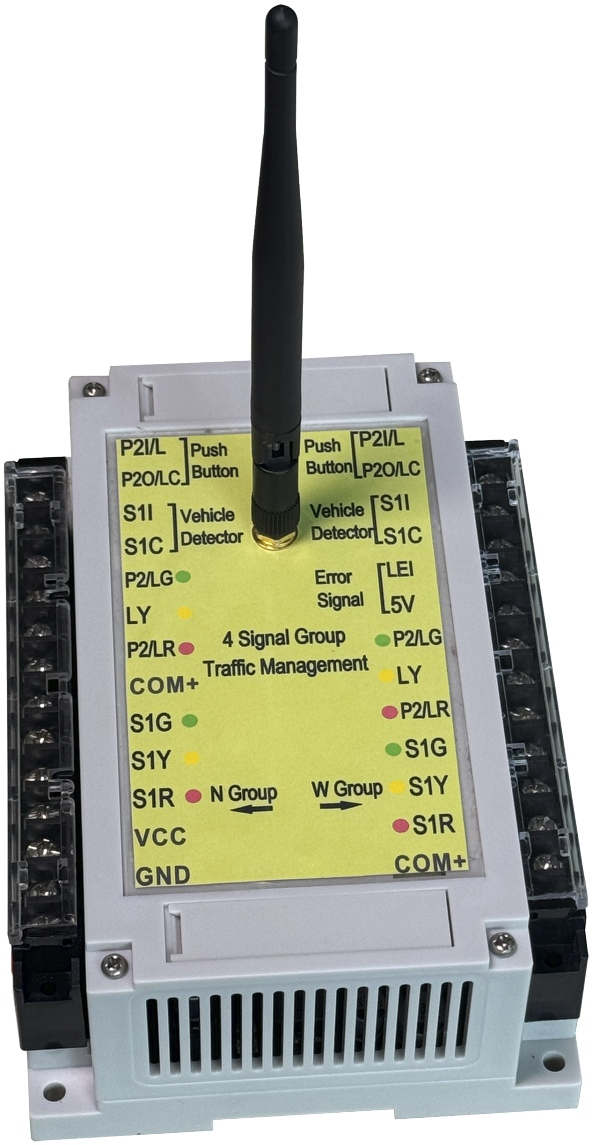
NobTra
TRAFFIC LIGHT MANUFACTURER

NBTM-4AV9

4 phase 12 Channel Traffic Controller User Manual



■In order to ensure the comfort of the customer, please install it correctly according to the contents of this Installation Manual.

■The Company reserves to modify permissions of the "manual" in content and without notice. When a new version of the "User Manual" is used, the old version will be automatic stop used.

■ If any questions, please contact the company, we will be happy to provide you with more detailed answers.

NBTM-4AV9
4 phase 12 Channel Traffic Controller

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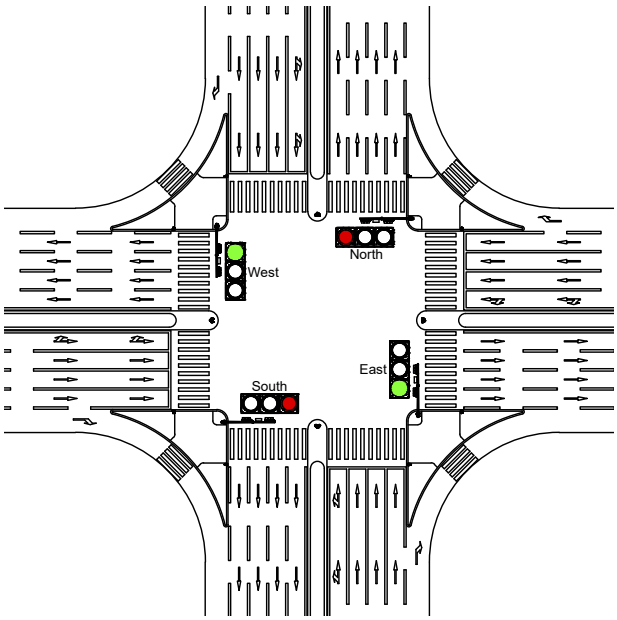
Introduction

The 4 phase 12 Channel traffic controller that outputs four sets of phases. It has multitime and multiprogram control mode, APP setting, easy to use, simple structure, convenient installation, simple wiring, and easy to realize the entire intersection.

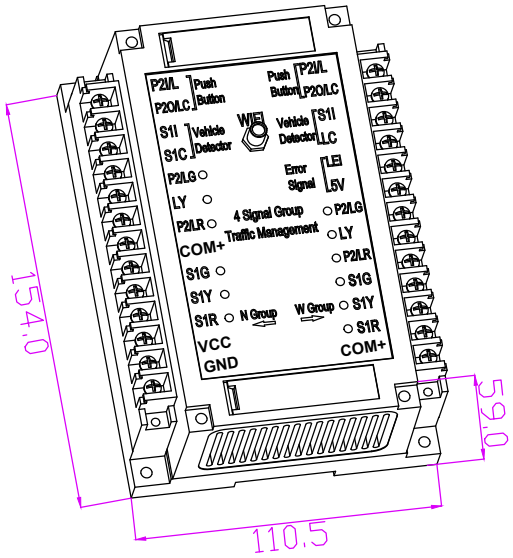


Feature

●Stable performance: With embedded control system, the function is stable and reliable.
●Data anti-interference: Wireless data adopts FEC forward error correction algorithm, encryption algorithm, anti-interference ability and information security are greatly improved.
●Data storage: Working parameters such as time period and schedule can be saved for 10 years.
●Time saving: Using a high-precision clock chip, the power can be saved for half a year without error.
●Multi-time and multi-plan: 30 time period can be set, can support 200 programs. There is a fixed shutdown. Menu, boot menu, yellow flash menu, fault menu.
●Real-time output simulation: Display the status of each output port in real time.
●Manual function:With the functions of manual stepping , non-conflicting forced green, full red, yellow flashing and so on.
●Phase editing: Phase output can be programmed according to actual needs.
●Housing：ABS

Technical parameter

●Supply voltage：DC12/24V
●Working temperature：-40~60℃
●Working humidity：≤95%
●WIFI Distance：<10M
●Debugging method: By WIIF connect with PC/Phone, APP debug.
●Weight：450g
●Product Size：154*110.5*59MM



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4 phase 12 Channel For TM-4AV9 Traffic Management

	Time Cycle Mode(1-1)					
STAGE	1			2		
STEP	1	2	3	4	5	6
	N-Group S1G/Y/R					
SG1						
	W-Group P2G/R					
SG2						
	W-Group S1G/Y/R					
SG3						
	N-Group P2G/R					
SG4						
Tmax	35	3	2	40	3	2
Note:The time can be program Via App.						

	Actuated Vehicle Mode(3-3) vehicle detection and push button signal are input					
STAGE	1			2		
STEP	1	2	3	4	5	6
	N-Group S1G/Y/R					
SG1						
	W-Group P2G/R					
SG2						
	W-Group S1G/Y/R					
SG3						
	N-Group P2G/R					
SG4						
Tmax	90	3	2	90	3	2
Tmin	20			15		
Green Ext	3			3		
Loop Fail Time	35			30		
CALL	ID4/PB-W			ID2/PB-N		
GREEN EXT	ID4/PB-W			ID2/PB-N		
Note:The time can be program Via App.						

	Actuated Vehicle Mode(3-2) Only vehicle detection signal input								
STAGE	1			2			3		
STEP	1	2	3	4	5	6	7	8	9
	W-Group P2G/R (time cycle)								
SG1									
	N-Group P2G/R (time cycle)								
SG2									
	N-Group S1G/Y/R (Actuated Vehicle)								
SG3									
	W-Group S1G/Y/R (Actuated Vehicle)								
SG4									
Tmax	35	3	2	90	3	2	90		
Tmin				15			20		
Green Ext				3			3		
Loop Fail Time				30			40		
CALL				ID4			ID2		
GREEN EXT				ID4			ID2		
Note:The time can be program Via App.									

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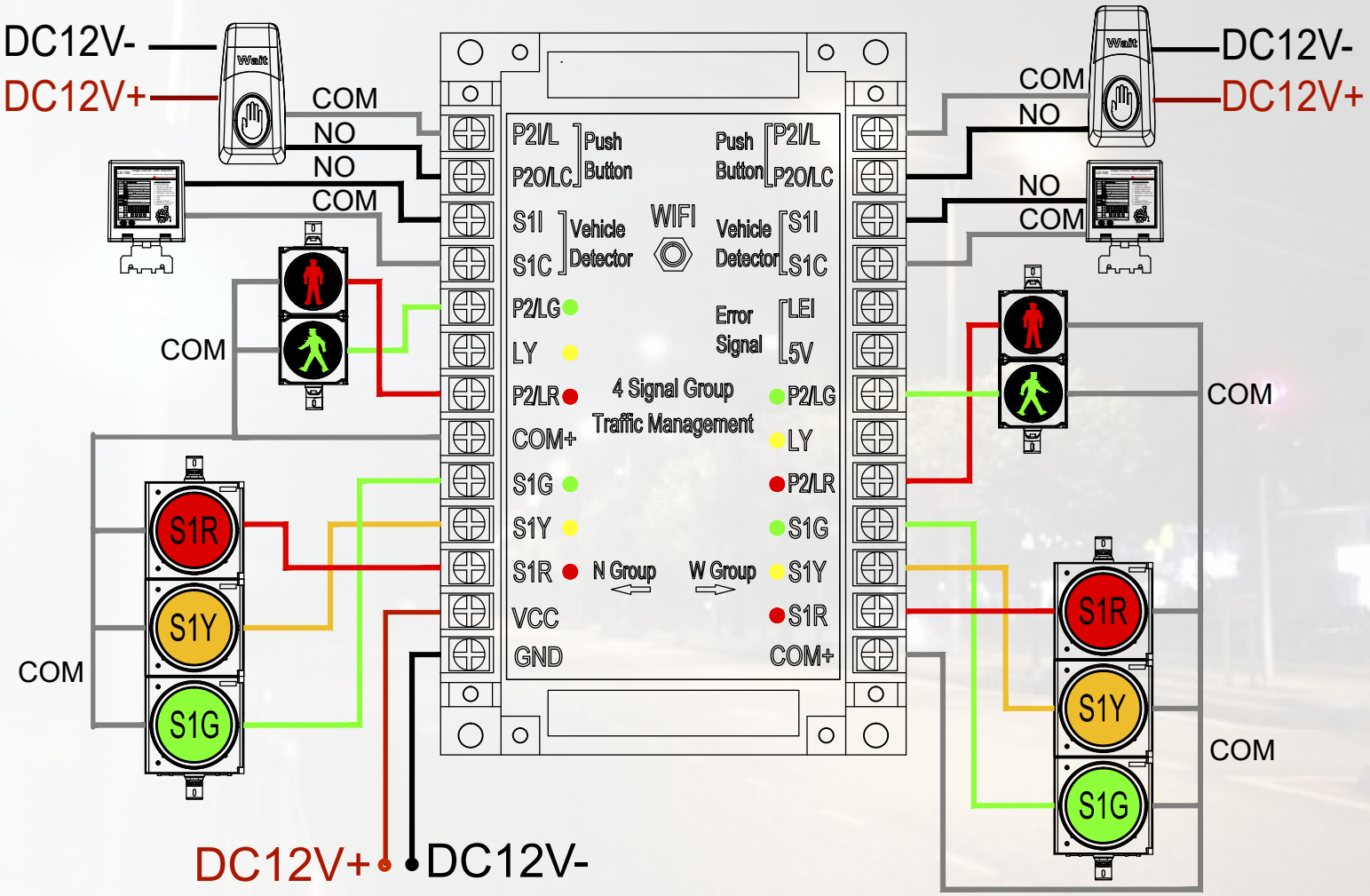
Software Feature

The friendly human-computer interface makes it easier to configure intersections. With the latest .Net and multi-threaded multi-concurrent programming technology, it can adapt to multi-core hardware platforms and make full use of hardware resources.

Online monitoring can monitor the operation status of each intersection control device and traffic light, report faults in time and record in the database to help analyze and maintain the system;More features can be customized.

10 Channel Wiring diagram



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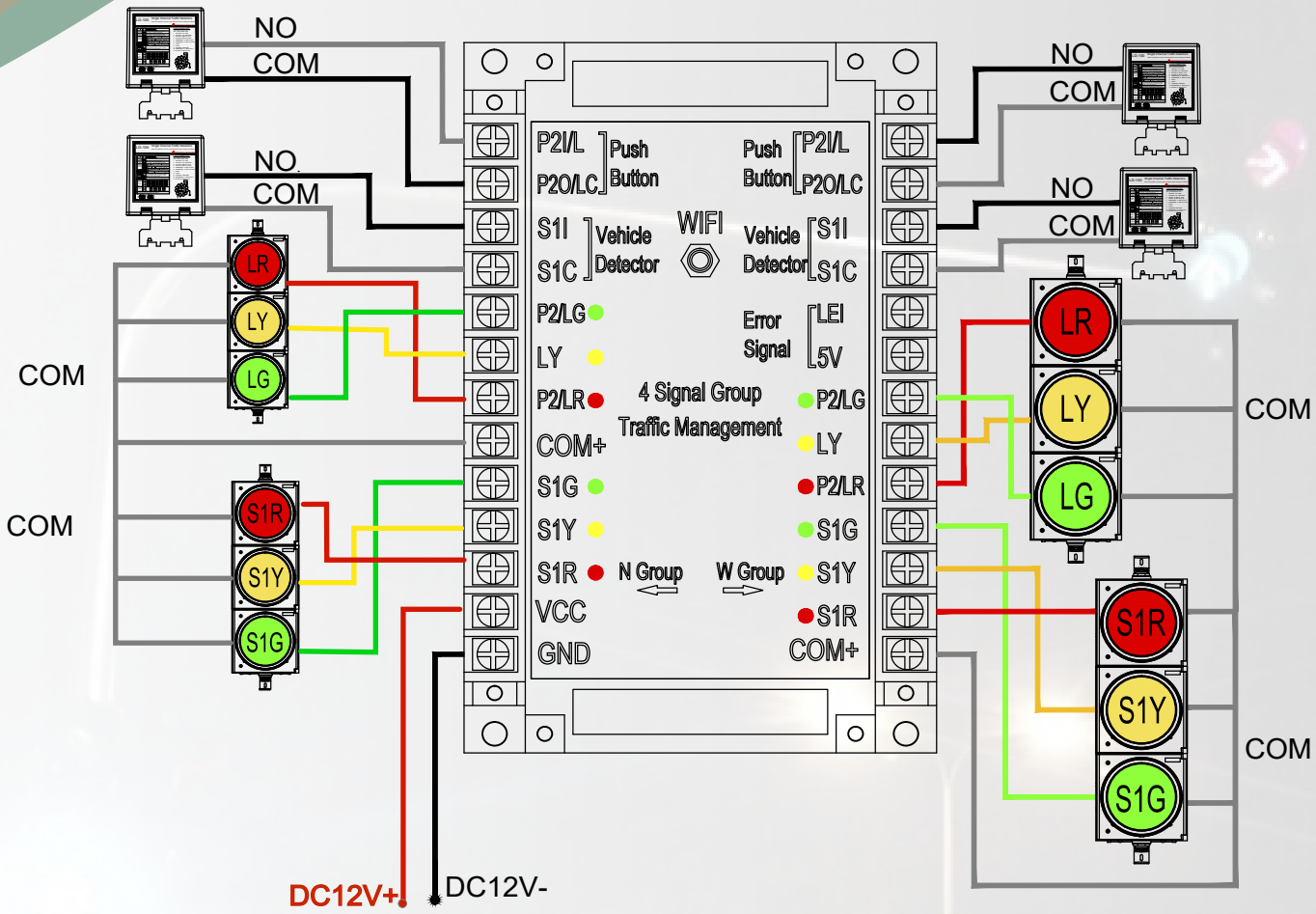
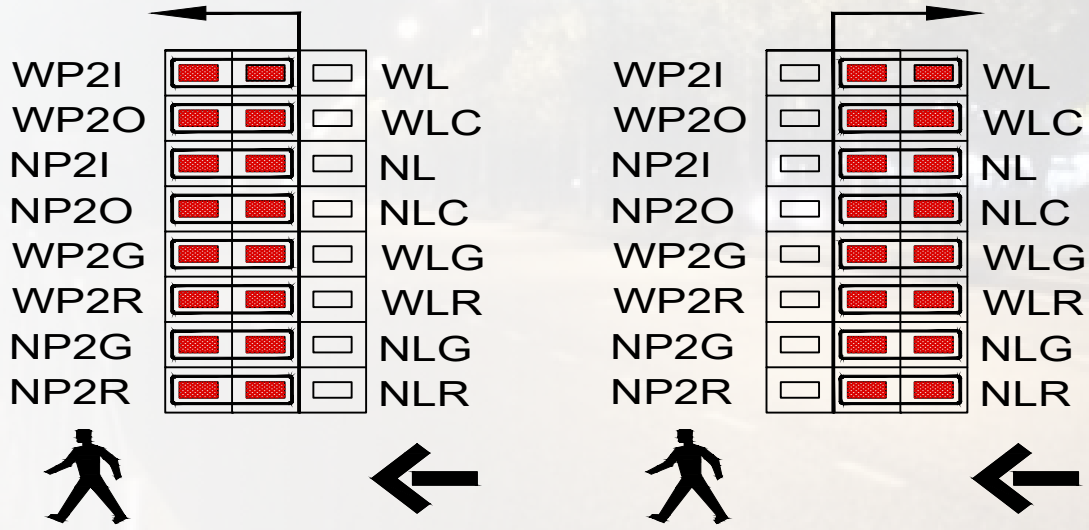
12 Channel Wiring diagram



Jumper Diagram



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