

□

K-BUS KNX IP □ □

IP R e _V2.4

BNIPR-00/00.N



KNX/EIB

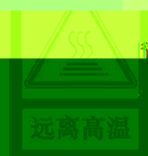
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注意事项



2 不要将设备摔落在地上或使之受到强力冲击。

图

图

小心擦拭

4、请勿自行拆卸本设备。

1

1.	General	1
1.1.	General	2
1.2.	General	2
1.3.	General	3
1.4.	General	3
2.	General	4
3.	General	5
3.1.	General	5
3.2.	General	5
4.	General	6
4.1.	General	6
4.2.	General	6
4.3.	General	6
4.4.	General	7
4.5.	General	8
5.	General	9
5.1.	General	9
5.2.	General	12
5.3.	General	14
5.4.	General	17
5.5.	General	18
6.	General	20

□ □

□ □ Ü □ □ KNXnet/ IP □ IP □ □ □ □ □ KNX □ □ □ IP □ □ □ KNXnet/ IP

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KNX IP □ □

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□ Ü □ IP □ □ KNX □ □ □ KNX □ □

Ⅱ Ⅱ Ⅱ

Ⅱ Ⅱ Ⅱ Ⅱ 21-30V DC, Ü Ⅱ KNX Ⅱ Ⅱ

Ⅱ Ⅱ Ⅱ <19.5mA Ⅱ 24V Ⅱ <15.5mA Ⅱ 30V

Ⅱ Ⅱ <470mW

Ⅱ KNX Ⅱ Ⅱ Ⅱ Ⅱ / Ⅱ Ⅱ Ⅱ Ⅱ 0.8mm Ⅱ

LAN RJ45 Ⅱ 10/100 Base-T

Ⅱ Ⅱ LED Ⅱ Ⅱ Ⅱ Ⅱ Ⅱ

LED LAN Ⅱ Ⅱ Ⅱ Ⅱ

LED LAN Ⅱ Ⅱ Ⅱ Ⅱ Ⅱ Ü

LED KNX Ⅱ Ⅱ KNX Ⅱ

LED KNX Ⅱ Ⅱ Ⅱ Ⅱ Ⅱ

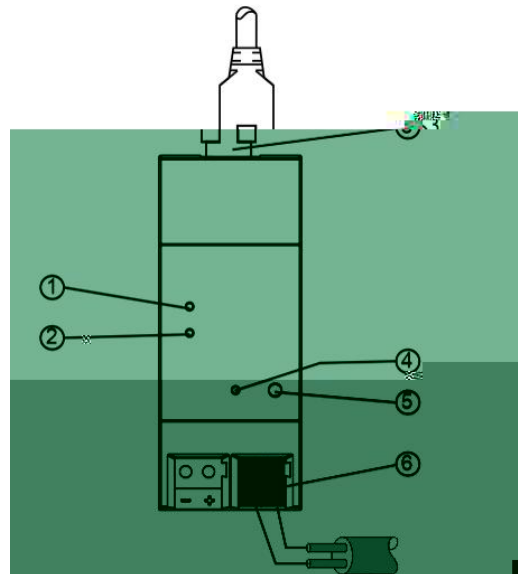
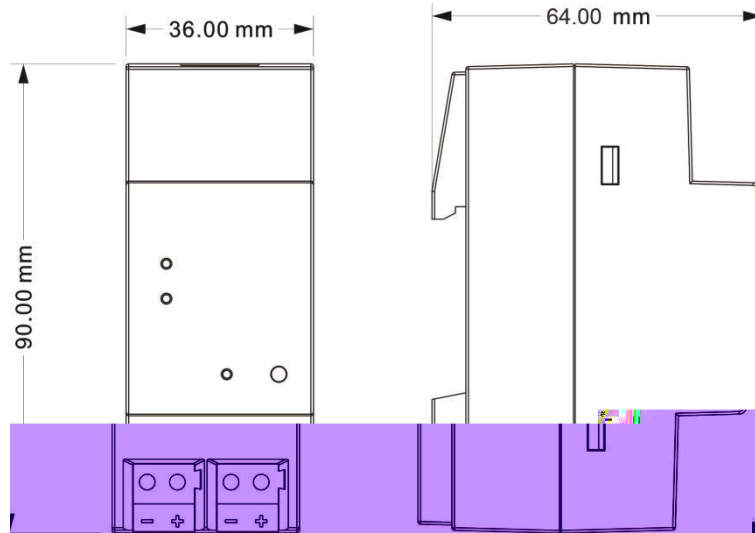
Ⅱ Ⅱ Ⅱ 5 C ... + 45 C

25 C ... + 55 C

Ⅱ Ⅱ 25 C ... + 70 C

Ⅱ Ⅱ

30V m



1	LAN LED	: □ □ □ □ □ □: □ □ □ □ □ Ü	4	□ □ LED	□ □ □ □ □ □ □
2	KNX LED	: □ □ □ □ □ □: □ □ □ □ □	5	□ □ □	□ □
3	LAN □		6	KNX □ □ □ □ □ / □ □	

IP 192.168.1.1

IP 192.168.1.1 KNX

KNXnet/IP IP 192.168.1.1 KNX IP 192.168.1.1 KNX 192.168.1.1
 IP 224.0.23.12 3671 IP 224.0.23.12 KNX
 IANA KNXnet/IP

- KNX IP Ü IP Ü IP
- IGMP () IP
- IP IP ETS TP IP
- IP
- T eli g IP Ü IP
- Ü KNX/USB KNX/IP KNX IP

IP 192.168.1.1

IP 192.168.1.1 KNX KNX

IP 192.168.1.1

KNX IP X.0.0,1 X 15

ETS 15

IP e i g

C fig a i -->P e ie

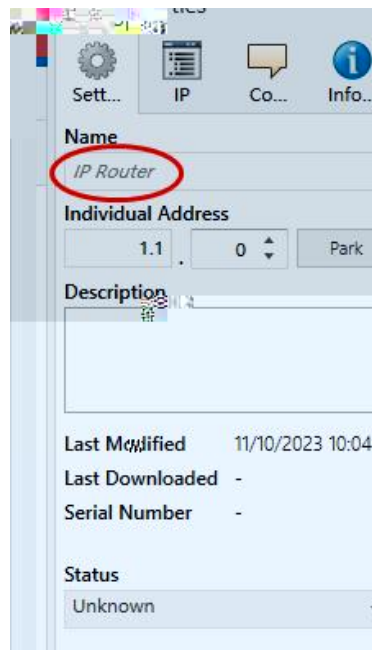
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ETS

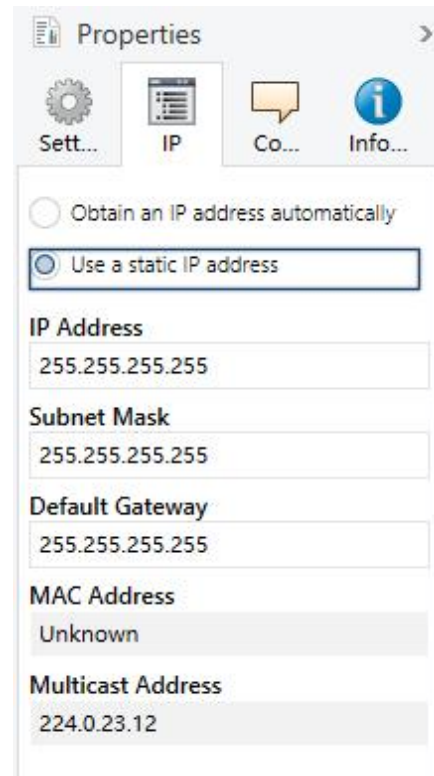
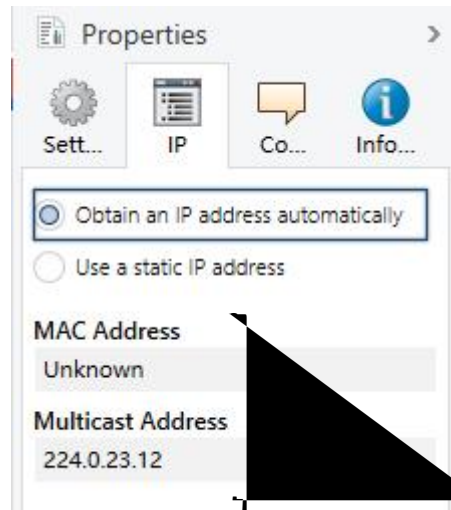
LAN

30



IP add e e : De ice-->P e ie -->IP

IP IP Ü DHCP



Ob ai a IP add e a a icall IP KNX IP DHCP

IP Ü 3 IP DHCP

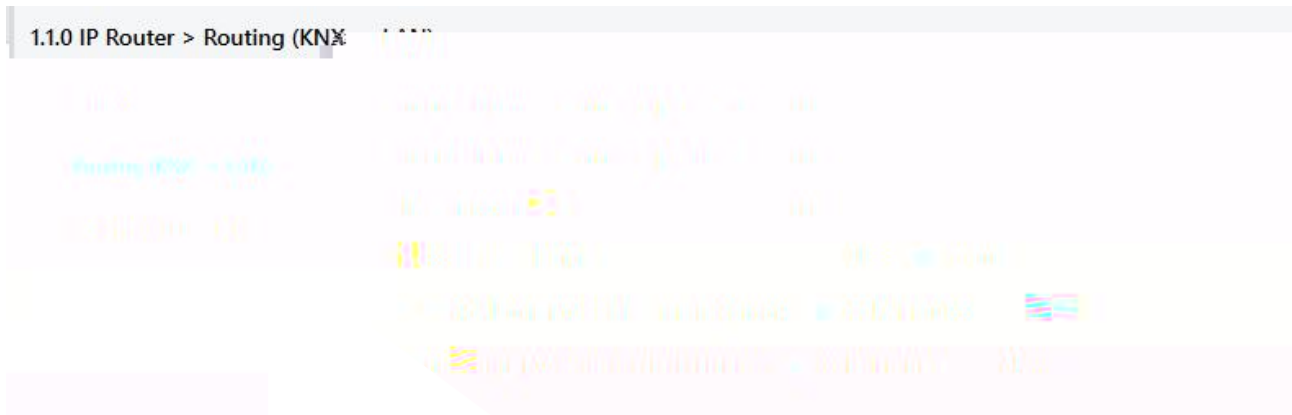
U e a a ic IP add e IP DHCP IP

IP IP IP IP IP IP IP IP

MAC

(M l ica Add e) 224.0.23.12

Routing (KNX->LAN)



5.2 Routing(KNX->LAN)

Group	Address	Name	Status
0...13	14...31	14...31	OK

Block: (0...13)

Route: (14...31)

Filter: (0...13)

Group	Address	Name	Status
14...31	14...31	14...31	OK

Block: (14...31)

Route: (14...31)

Filter: (14...31)

Physical eleg a

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Block

Re

File

Block: ☐ ☐ ☐ ☐

Route: ☐ ☐ ☐ ☐ ☐ ☐ ☐

Filter: ☐ ☐ ☐ ☐

☐ : ☐ ☐ L _ _ _ ☐ ☐ R e ☐ ☐ ☐ ☐ ☐

Broadcast eleg a

☐ ☐ ☐ ☐ ☐ ☐ ☐

Block

Re

Block: IP ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

☐ ☐ ☐ ☐ ☐

Route: ☐ ☐ ☐

Ack ledge(ACK) f g eleg a

IP ☐ ☐ ☐ ☐ ☐ ☐

Only if ed

Al a

Only if routed: ☐ ☐ ☐ ☐ KNX ☐ ☐ ☐ LAN ☐ ☐ ☐ ☐ ACK ☐

Always: ☐ ☐ ☐ ☐ KNX ☐ ☐ ☐

Ack ledge(ACK) f h ical eleg a

IP

O l if ed

Al a

Only if routed: KNX LAN ACK

Always: KNX

Routing (LAN->KNX)

1.1.0 IP Router > Routing (LAN -> KNX)

General

Group telegrams (main groups 0...13) Filter

Routing (KNX -> LAN) Group telegrams (main groups 14...31) Filter

Physical telegrams Filter

Routing (LAN -> KNX)

Broadcast telegrams ☒ Block ☐ Route

Repetition of group telegrams ☐ Disable ☒ Enable

Repetition of physical telegrams ☐ Disable ☐ Enable

Repetition of broadcast telegrams ☐ Disable ☐ Enable

5.3 Routing(LAN->KNX)

Group telegrams (main groups 0...13)

0 13

Block

Route

Filter

Block: (0...13)

Route: (0...13)

Filter: (0...13)

G	eleg a	(al g	14...31)
---	--------	--------	----------

14 31

Block

Re

File

Block: (1...31)

Route: (1

Filter: (14...31)

Ph ical eleg a

Block

Re

File

Block:

Route:

Filter:

: R e

B adca eleg a

Block

Re

Block: IP

Route:

Re e i i f g eleg a

☐ ☐ ☐

Di able

E able

KNX TP ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Disable: ☐ ☐ ☐ ☐

Enable: ☐ ☐ ☐ ☐ ☐ ☐

Re e i i f h ical eleg a

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Di able

E able

KNX TP ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Disable: ☐ ☐ ☐ ☐ ☐

Enable: ☐ ☐ ☐ ☐ ☐ ☐ ☐

Re e i i f b adca eleg a

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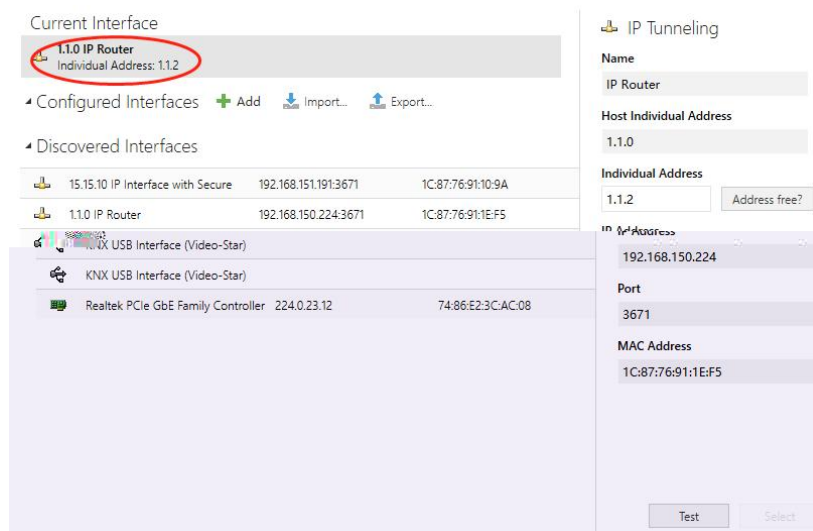
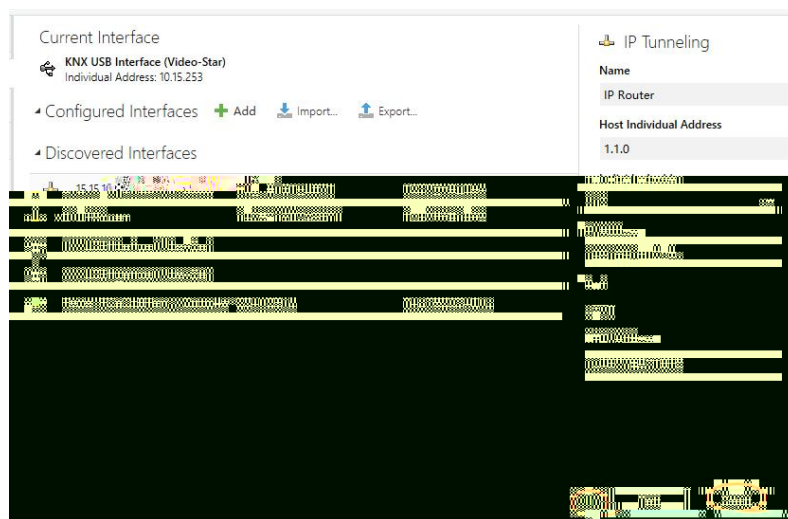
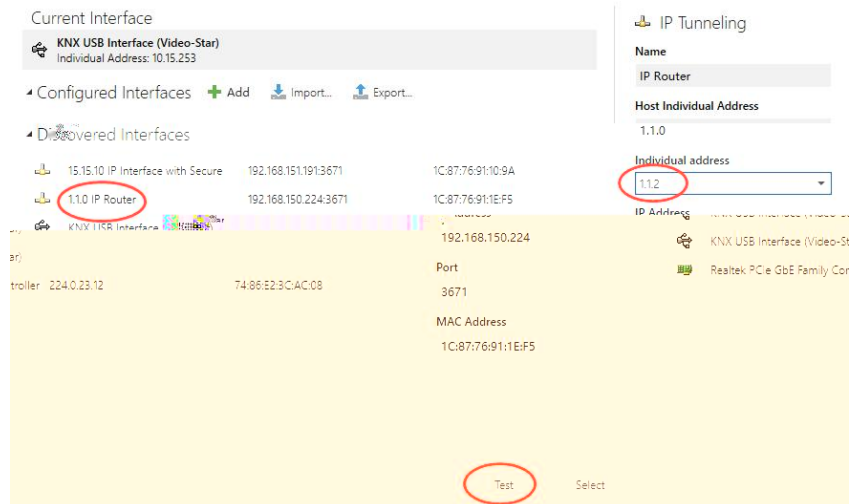
KNX TP ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Disable: ☐ ☐ ☐

Enable: ☐ ☐ ☐ ☐ ☐

KNX/EIB

KNX IP ☐ ☐ ☐



5.6.2 IP □ □ □ □

KNX/EIB

KNX

