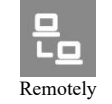# ZHC495C

LTE Cat1

Modbus RTU

ZHC495C is a support 8 Road dry (wet) node detection,8 Road relay (COM, NO) output, 1 channel RS485 transparent transmission network IO products, compatible with Modbus RTU/TCP protocol. With "remote control" as the core function, it is highly easy to use, and users can easily and quickly integrate it into their own systems to achieve LTE, RS485remote and local control.

- ✓ JSON,Modbus RTU/TCP
- ✓ 8Road relay output
- ✓ 8DI (dry/wet node) input
- ✓ TCP_Client/ MQTT_Client
- ✓ Trigger action at set time point
- ✓ Cloud forwarding, cloud networking
- ✓ Local logic, inter-device logic
- ✓ Network registration package, heartbeat package
- ✓ hardware watchdog
- ✓ Data trigger, timing report
- ✓ Remote configuration, remote upgrade
- ✓ The host computer supports import and export of configuration files

LTE Cat1	logic	multi-protocol
follow	configuration	Remotely
RoHS	industry	protection

IORouterZHC495C

LTE Cat 1
Modbus RTU

Network parameters

frequency band

LTE-FDD	B1/B3/B5/B8
LTE-TDD	B34/B38/B39/B40/B41
GSM	900/1800MHz

data

LTE-FDD	Max 10Mbps(DL)/Max 5Mbps(UL)
LTE-TDD	Max 7.5Mbps(DL)/Max 1Mbps(UL)
EDGE	Max 236.8Kbps(DL)/Max 236.8Kbps(UL)
GPRS	Max 85.6Kbps(DL)/Max 85.6Kbps(UL)

Sensitivity

FDD B1	-97.5dBm	TDD B34	-96.3dBm
FDD B3	-94.3dBm	TDD B38	-97dBm
FDD B5	-97dBm	TDD B39	-96.3dBm
FDD B8	-96.5dBm	TDD B40	-97dBm
		TDD B41	-96dBm

Electrical parameters

Class 3 (23 dBm ±2 dB) for LTE-FDD bands
Class 3 (23 dBm ±2 dB) for LTE-TDD bands
Class E2 (27 dBm ±3 dB) for EGSM900 8-PSK
Class E2 (26 dBm ±3 dB) for DCS1800 8-PSK
Class 4 (33 dBm ±2 dB) for EGSM900
Class 1 (30 dBm ±2 dB) for DCS1800

EGSM900	-105dBm
DCS1800	-106dBm

Serial Port

number of ports	RS485*1
standard	RS485: A, B
baud rate	1200~921600bps
data bits	8, 9
stop bit	0.5 , 1 , 1.5 , 2
Check Digit	NONE EVEN ODD

DO

Number of interfaces	8 Road relay output
standard	NO*8, COM*8
Mechanical durability	10^7
Electrical durability	10^5
capacity	5A 250VAC30VDC

DI

Number of interfaces	8way switch input
standard	DI*8, COM*2
Detection range (wet node)	5~50V->High0~2V->Low

power supply

Voltage	9~36V
current	60mA(aver) @9V 30mA(aver)@36V

EMC

ESD	IEC61000-4-2, Level4
surge	IEC61000-4-2, Level3
group pulse	IEC61000-4-2, Level3

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LTE Cat 1
Modbus RTU

纵横智控
INTELLIGENT CONTROL

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