



## CR391 Universal Mode (FW version 101.140 or later)

### FLAN Master

Any RS485 interface set as FLAN Master

e.g. interface HH (P14) default ComA (1)  
 LAN (P7) default ComB (2)  
 RS485-1 (P3) default ComD (4)

When HH link inserted, communication with FLAN node 1 only.  
 Remove FLAN connector, HH plugged in to FLAN port.

## CR394 FLAN Expander (only mode currently enabled)

FLAN Slave (any RS485 interface set as FLAN Master).

Reader and each input, output must be addressed **Com.Node.Port**  
**Com = CR391 serial port** set as LAN master.

Node of the CR394 1 to 16 (no duplicates)

**Port of the CR394.**

Reader **Port = 1**,  
 Input **Port = In 1 to 32** (see P1 to P4 above),  
 Output **Port = Relay 1 to 16** (see P8 to P11 above).

## CR395 FLAN Expander

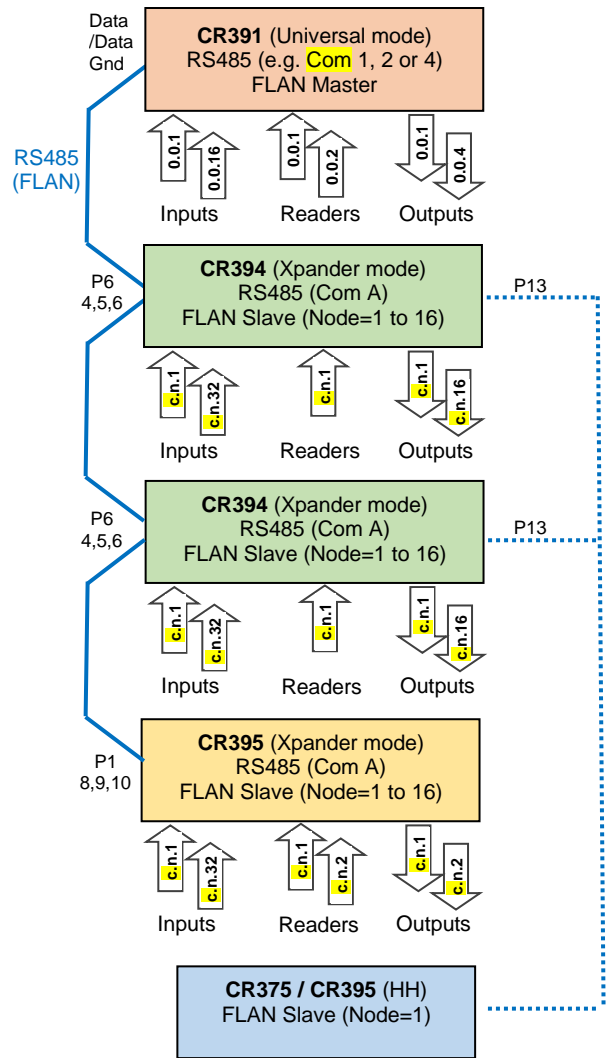
FLAN Slave, same as CR394

## CR375, CR395 FLAN HH programmer

Plug-in to only set node address. On CR394:

1. Remove P6 (or links E2, E3), Insert Link E6 (HH)
2. Plug in HH to P13, Edit Node, save by selecting #
3. Remove HH and Link E6
4. Replace P6, Insert E2, E3

Then **HH to CR391** = Plug-in to CR394, with CR391 HH link



## SoftWin3 (1.4.62) Setup

### Comms Interfaces

R	Name	PC	Type	SDK Type	IP address	Port	ID to S
1	Comms Interface 1	localhost	TCP/IP	SDK - Key	192.168.1.156	56789	localhc
2	zComms Interface 2	none	TCP/IP	Legacy		56789	none
3	zComms Interface 3	none	TCP/IP	Legacy		56789	none
4	zComms Interface 4	none	TCP/IP	Legacy		56789	none

### Controller

C	Description	Version	Type	Comms Interface	Node
1	Controller 1	CR391F100.13W	Universal	Comms Interface 1	1
2	zController 2	CR391F100.13W	Universal	Comms Interface 1	2
3	zController 3	CR391F011.04V	CR355	zComms Interface 2	1
4	zController 4	CR391F100.13W	CR355	zComms Interface 2	2

### U\_Controller FLAN

R	Controller	FLAN N...	FLAN T.
1	Controller 1	1	CR394
2	Controller 1	2	CR394
3			

FLAN type not used

### Outputs

Description	Controller	Port	U_Add...	U_Type	U_Type R...	L_Type	L1 Na...	L2 N
C1 Lock 1	Controller 1	1	0.0.1	Lock		1	Open	Clos
C1 Lock 2	Controller 1	2	0.0.2	Lock		2	Open	Clos
C1 Lock 3	Controller 1	3	1.1.1	Lock		3	Open	Clos
C1 Lock 4	Controller 1	4	1.2.1	Lock		4	Open	Clos
C2 Lock 1	zController 2	1	0.0.1	Lock		1	Open	close
C3 Lock 1	zController 3	1				Lock 1	Open	Clos
C1 Siren	Controller 1	5	1.1.2	Aux output		1	On	Off
C1 Beeper	Controller 1	6	1.1.3	Aux output		1	On	Off
C1 Lights	Controller 1	7	1.1.4	Aux output		1	On	Off
C1 Led2 Red	Controller 1	12	0.0.12	RD LED red		2	On	Off

### U\_Controller Serial Ports

	Controller	Seri...	Type	Baud ...	Data ...	Parity
1	Controller 1	1	FLAN Master	19k2	9bit	None
2	Controller 1	2	LAN Slave	19k2	9bit	None
3	Controller 1	3	RS232 Test	9k6	8bit	None
4	Controller 1	4	None	19k2	9bit	None
5	Controller 1	5	None		8bit	None

Serial 1, 2, 4 are RS485 (default links)  
 FLAN Master can be any one of (suggest 2 or 4)  
 Serial 1 (HH P14)    Serial 2 (LAN P7)    Serial 4 (RS485-1 P3)

### Reader

Re	Description	Area In	Area To	Controller	Port	U_Add...	Tok
1	C1 Rd 1	Outside	Inside	Controller 1	1	0.0.1	02\
2	C1 Rd 2	Outside	Inside	Controller 1	2	0.0.2	02\
3	C1 Rd 3	Outside	Inside	Controller 1	3	1.1.1	02\
4	C1 Rd 4	Outside	Inside	Controller 1	4	1.2.1	02\
5	zC2 Rd 1	Outside	Inside	zController 2	1	0.0.1	02\
6	zC3 Rd 1	Outside	Inside	zController 3	2		02\

### Inputs

Description	Controller	Po...	U_Ad...	U_Type	U_Type R...	L_Type	L1 Nam
C1 PS_1	Controller 1	2	0.0.2	Postal Sensor		1	Open
C1_REX_3	Controller 1	3	1.1.1	REX		3	Push
C1 Alarm ABC	Controller 1	4	1.1.2	Aux input		1	Alarm
C1 Alarm XYZ	Controller 1	5	1.1.3	Aux input		1	Alarm
C1 Rex 4	Controller 1	6	1.3.1	REX		4	Push
C1 Alarm 123	Controller 1	7	1.2.1	Aux input		1	Alarm
C3 REX	zController 3	1				REX 1	Push
zC2 REX_1	zController 2	1	0.0.1	REX		1	Push