

# **Appendix A**

## **Remote I/O**

### **Worksheets**

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## Remote Slave Worksheet

Remote Base Address \_\_\_\_\_ (Choose 1-7 for RM-NET or 1-31 for SM-NET)

Slot Number	Module Name	INPUT		OUTPUT	
		Input Address	No. of Inputs	Output Address	No. of Outputs
0					
1					
2					
3					
4					
5					
6					
7					

**Input Bit Start Address:** \_\_\_\_\_ **V-Memory Address\*:** V \_\_\_\_\_  
**Total Input Points** \_\_\_\_\_

**Output Bit Start Address:** \_\_\_\_\_ **V-Memory Address\*:** V \_\_\_\_\_  
**Total Output Points** \_\_\_\_\_

\* The D2-RMSM automatically assigns I/O addresses in sequence based on Slave #1's starting addresses. The DL250/DL350 CPU port setup program requires these addresses for each slave.

## Channel Configuration Worksheet

### D2-RMSM Remote Master Module

Master Slot Address \_\_\_\_\_ (1 – 7)

Protocol Selected \_\_\_\_\_ (RM-NET or SM-NET)

Circle one selection for each parameter (selections for each protocol are shown)

Configuration Parameter	RM-NET		SM-NET		
Baud Rate (in KBaud, determined by required distance to last slave)	19.2	38.4	19.2	38.4	153.6
			307.2	614.4	
Operator Interface	N/A		YES	NO	
Auto Return to Network	YES	NO	YES	NO	

Starting Input V-Memory Address: V \_\_\_\_\_ Starting Output V-Memory Address: V \_\_\_\_\_

Total Inputs \_\_\_\_\_ Total Outputs \_\_\_\_\_

Slave Station			Slave Station		
	No. of Inputs	No. of Outputs		No. of Inputs	No. of Outputs
0			16		
1			17		
2			18		
3			19		
4			20		
5			21		
6			22		
7			23		
8			24		
9			25		
10			26		
11			27		
12			28		
13			29		
14			30		
15			31		

## Channel Configuration Worksheet

### DL250/DL350 CPU Bottom Port

Circle one selection or fill in blank for each parameter

Configuration Parameter	SELECTION
Baud Rate (in KBaud, determined by required distance to last slave)	19.2    38.4
Remote I/O configuration table starting address	V _____ (V37700 is default)

Slave Station	INPUT		OUTPUT	
	Input Address	No. of Inputs	Output Address	No. of Outputs
1				
2				
3				
4				
5				
6				
7				

## Power Budget Worksheet

Slave #	Part Number	5 VDC (mA) (supplied or used)	Auxiliary Power Source 24 VDC Output (mA) (supplied or used)
<b>Base Used</b>			
<b>CPU Slot</b>			
<b>Slot 0</b>			
<b>Slot 1</b>			
<b>Slot 2</b>			
<b>Slot 3</b>			
<b>Slot 4</b>			
<b>Slot 5</b>			
<b>Slot 6</b>			
<b>Slot 7</b>			
<b>Other</b>			
<b>Maximum power required</b>			
<b>Remaining Power Available</b>			