

Universal Serial I/O Expansion Unit (DCON Protocol)



Serial I/O Expansion Unit

DCON protocol is a very simple and easy used ASCII based protocol. It is suit master-slave or query-response distributed I/O applications. The unit is pre-installed a DCON firmware. Therefore PC, HMI or PLC can uses DCON protocol to communicate with I/O modules in the unit via the RS-232/485 or Ethernet interface.

Model	CPU	SRAM	Flash	EEPROM	Ethernet Port	RS-232/RS-485	I/O Slot
I-8410	80188 or compatible, 8-bit and 40 MHz	256 KB	256 KB	2 KB	-	3	4
I-8810		256 KB	256 KB	2 KB	-	3	8

Remote Intelligent RS-485 I/O Expansion Unit (DCON Protocol)



RU-87Pn series is a remote intelligent RS-485 I/O expansion unit that used to expand I-87K series I/O modules over the RS-485 for industrial monitoring and controlling applications. .



Model	Auto Configuration	Hot Swap	RS-485	Max. Baud Rate	I/O Slot
RU-87P1	Yes	Yes	1	115200 bps	1
RU-87P2	Yes	Yes	1		2
RU-87P4	Yes	Yes	1		4
RU-87P8	Yes	Yes	1		8

RS-485 I/O Expansion Unit (DCON Protocol)



The unit only equipped one power module, one RS-485 interface and several I/O slots. It is used to expand I/O

Model	RS-485 Interface				I/O Expansion Slot		
	Baud Rate	Distance	Isolation	Communication Protocol	Auto Configuration	Hot Swap	Slot Number
I-87K4	115200 bps Max.	1.2 km (4000 ft.) Max.	3000 VDC	DCON Protocol (ASCII Format)	-	-	4
I-87K5			3000 VDC		-	-	5
I-87K8			3000 VDC		-	-	8
I-87K9			3000 VDC		-	-	9