

## MFD-Titan as a Replacement for 7-Segment Displays

The MFD-Titan can be programmed simply to display one large 7-segment display with up to 3 decades. As the I/O module has 12 inputs, all three digits can be activated to display 0 - 9 using BCD. The following truth table applies:

Hundreds decade				
I1	I2	I3	I4	DEC
1	2	4	8	
L	L	L	L	0
H	L	L	L	1
L	H	L	L	2
H	H	L	L	3
L	L	H	L	4
H	L	H	L	5
L	H	H	L	6
H	H	H	L	7
L	L	L	H	8
H	L	L	H	9

Tens decade				
I5	I6	I7	I8	DEC
1	2	4	8	
L	L	L	L	0
H	L	L	L	1
L	H	L	L	2
H	H	L	L	3
L	L	H	L	4
H	L	H	L	5
L	H	H	L	6
H	H	H	L	7
L	L	L	H	8
H	L	L	H	9

Ones decade				
I9	I10	I11	I12	DEC
1	2	4	8	
L	L	L	L	0
H	L	L	L	1
L	H	L	L	2
H	H	L	L	3
L	L	H	L	4
H	L	H	L	5
L	H	H	L	6
H	H	H	L	7
L	L	L	H	8
H	L	L	H	9