

传感 | 检测 | 自动化技术专家
Sensing • Detecting • Automation Expert

THM

THM Series HMI



美国邦纳

Sensing • Detecting • Automation Expert

THM

THM Series HMI



THM , , . " % () , * , - . / 0 , 1 2 3
 . / 4 5 . 6 7 8 9 : , . / , A B C , D E F G J K L N O P , P L C R P U V W
 . a b c d a b g h 9 m n o .
 THM 9 , 9 4 . 3 "、7 "、8 "、1 0 . "、1 0 . 4 "、1 2 . 1 "、1 5 "。
 ~ 6 T F T , 9 A B , K h 、K h U S B 、 " 、R
 , S D K C , o .

BAMS 45 7 ~ L , . / 12 , C .
± , J C , a , BAMS 45 .

THM " % () , C 32 - Bit SC CPU , " 2 D
P , * , - . / 0 , , GNOP . THM
G N c PLC - 9 , .



Kh (K 5 h) , EFRS23 & 485 / 422 , c NOP -
.
" : d " , : N , , c NOP、PC、

c

USB : d USB / , , D G USB VW ,
、U、C .

65536 TFT , , K , . E F B M P J P G、G I F U
、h b .

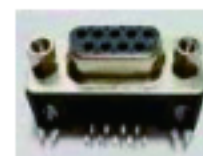
d CE、F C U , . 、 、 、 * U 89
、89 、 " 、 、 UK C .

THM%5



R () * E F)
- . / 0 15 , 23 /
45 .

&
D C 2 0 2 &



E F R S 23 / 422 / 485

d * ,
: N , ,
c NOP、IPC、
c

USB

d USB / ,
、D G USB VW
、 、 U .

SD

SD , -
/ ,
U C



		THM043A2E	THM043C3	THM070S	THM070A2	THM070A2E	THM070C3	THM070C3E	THM080A2E
n		4.3"	4.3"	7.0"	7.0"	7.0"	7.0"	7.0"	8.0"
		16 B,ILED 9:	16 B,ILED 9:	16 B,ILED 9:	16 B,ILED 9:	16 B,ILED 9:	16 B,ILED 9:	16 B,ILED 9:	16 B,ILED 9:
		480x272	480x272	800x480	800x480	800x480	800x480	800x480	800x480
	(cd/m2)	400	400	350	400	400	400	400	400
	I	4	4	4	4	4	4	4	4
	CPU	RISC ARM926B it	RISC ARM926B it	RISC ARM926B it	RISC ARM926B it	RISC ARM926B it	RISC ARM926B it	RISC ARM926B it	RISC ARM926B it
	K&L N	64MB	64MB	64MB	64MB	64MB	64MB	64MB	64MB
	O R L N	12MB	12MB	12MB	12MB	12MB	12MB	12MB	12MB
	N L N	64MB	64MB	20MB	64MB	64MB	64MB	64MB	64MB
	SD								
r	USB	1~1	1~1	1~1	1~1	1~1	1~1	1~1	1~1
	COM1	RS232(A B C)	RS232(A B C)	RS232(C2B)	RS232 / 420(B4)	RS232 / 420(B4)	RS232(C2B)	RS232(C2B)	RS232 (B)
	COM2	RS422 / 485 (S A B C)		RS422 / (B)	RS232 / 485 (S A B C)	RS232 / 485 (S A B C)	RS422 / (B)	RS422 / (B)	RS422 / (B)
	COM3	RS485(S A B C)	RS485(S A B C)	RS485(B)	RS232(B)	RS232(B)	RS485(B)	RS485(B)	RS485(B)
	COM4								RS485(S A B C)
	COM5								RS485(S A B C)
		9				9		9	9
t		10W	3.5W	3W	20W	20W	3.5W	20W	20W
	&	24VDC±1%(YZ)							
	&	-10C~60C							
e	&	1%~90%RH							
		DFH, 20, F11ms L Ma 1G (S~50MO)	10~5x5H (X,Y,Z,a,1G) (B b)		DFH, 20, F11ms L Ma 1G (S~50MO)		10~5x5H (X,Y,Z,a,1G) (B b)		DFH, 20, F11ms L Ma 1G (S~50MO)
		IP6(B)	IP6(B)	IP6(B)	IP6(B)	IP6(B)	IP6(B)	IP6(B)	IP6(B)
h	CE	EN6100502 EN6100504	EN55022 EN61000-4-2 EN61000-6-4 EN61000-4-8		EN55022 EN61000-4-2 EN6100504 EN6100504		EN55022 EN61000-4-2 EN61000-6-4 EN61000-4-8		EN55022 EN61000-4-2 EN6100504 EN6100504
	e (T** * U mm)	120x103x33	192x103x33		203x140x30		203x140x30		203x140x30
	(T** mm)	118x52.5	118x52.5		118x52.5		118x52.5		118x52.5
h	(Kg)	0.23	0.35		0.65		0.6		0.6





THM101S	THM101C3	THM101C3E	THM101A2E	THM104A2E	THM121A2E	THM121C3E	THM150A2E	THM150C3E
10.1"	10.1"	10.1"	10.1"	10.1"	12.1"	12.1"	15"	15"
16 Bit LED 9	16 Bit LED 9	16 Bit LED 9	16 Bit LED 9	16 Bit LED 9	16 Bit LED 9	16 Bit LED 9	16 Bit LED 9	16 Bit LED 9
1024x600	1024x600	1024x600	1024x600	800x600	1024x600	1024x600	1024x600	1024x600
250	350	350	350	400	500	500	500	350
4	4	4	4	4	4	5	4	5
RISC ARM 2 Bit	RISC ARM 2 Bit	RISC ARM 2 Bit	RISC ARM 2 Bit	RISC ARM 2 Bit	RISC ARM 2 Bit	RISC ARM 2 Bit	RISC ARM 2 Bit	RISC ARM 2 Bit
64	64 MB	64 MB	64 MB	64 MB	64 MB	64 MB	64 MB	64 MB
12 MB	12 MB	12 MB	12 MB	12 MB	12 MB	12 MB	12 MB	12 MB
20 MB	64 MB	64 MB	64 MB	64 MB	64 MB	64 MB	64 MB	64 MB
1 ~ 1	1 ~ 1	1 ~ 1	1 ~ 1	1 ~ 1	1 ~ 1	1 ~ 1	1 ~ 1	1 ~ 1
R S2 3200	R S2 3200	R S2 3200	R S2 3200	R S2 3200	R S2 3200	R S2 3200	R S2 3200	R S2 3200
R S4 22 / 8000	R S4 22 / 8000	R S4 22 / 8000	R S4 22 / 8000	R S4 22 / 8000	R S4 22 / 8000	R S4 22 / 8000	R S4 22 / 8000	R S4 22 / 8000
R S4 8000	R S4 8000	R S4 8000	R S4 8000	R S4 8000	R S4 8000	R S4 8000	R S4 8000	R S4 8000
			R S4 8(5 A B C)		R S4 8(5 A B C)	R S4 8(5 A B C)	R S4 8(5 A B C)	R S4 8(5 A B C)
			R S4 8(5 A B C)		R S4 8(5 A B C)	R S4 8(5 A B C)	R S4 8(5 A B C)	R S4 8(5 A B C)
		9	9	9	9	9	9	9
3.0W	3.0W	2.0W	2.0W	2.0W	2.0W	2.0W	2.0W	2.0W
24VDC±10%(YZ)								
-10℃~50℃								
10%~90%RH								
10 ~ 5x5 H (X,Y,Z a,1G) (30 b)			DFH, 2 6, F 1 1 ms L Ma 1G (5 ~ 50 NO)			10 ~ 5x5 H (X,Y,Z a,1G) (30 b)	DFH, 2 6, F 1 1 ms L Ma 1G (5 ~ 50 NO)	10 ~ 5x5 H (X,Y,Z a,1G) (30 b)
IP 6 ()	IP 6 ()	IP 6 ()	IP 6 ()	IP 6 ()	IP 6 ()	IP 6 ()	IP 6 ()	IP 6 ()
EN55022 EN61000-4-2 EN61000-6-4 EN61000-4-8	EN55022 EN61000-4-2 EN61000-6-4 EN61000-4-8	EN55022 EN61000-4-2 EN61000-6-4 EN61000-4-8	EN6100502 EN6100504	EN6100502 EN6100504	EN6100502 EN6100504	EN55022 EN61000-4-2 EN61000-6-4 EN61000-4-8	EN6100502 EN6100504	EN55022 EN61000-4-2 EN61000-6-4 EN61000-4-8
270x212x37.4	228x128x40.5	228x128x42.5	228x128x42.5	228x128x42.5	333x49.5x58.2	333x49.5x58.2	299x1297.4x57.5	299x1297.4x57.5
2.9x201.5	9.25x201.5	9.25x201.5	9.25x201.5	9.25x201.5	3.0x22.8	3.0x22.8	3.8x42.8x3	3.8x42.8x3
1.2	1.2	1.2	1.1	1.1	1.1	2	2.2	3

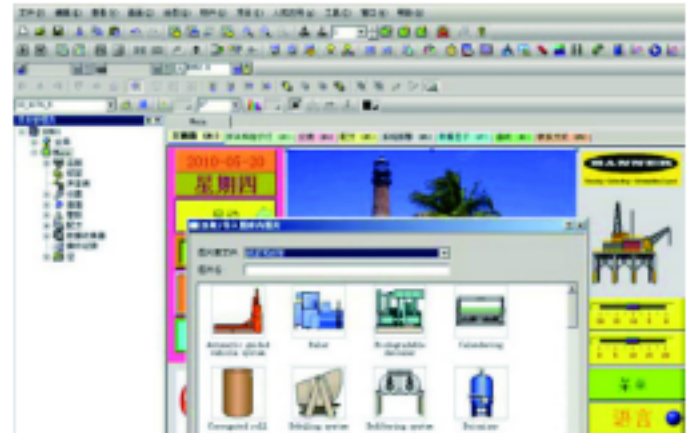
B A MS4 5

B A M5 5 e 1 2、3 3

※ E F B M R J P G c G I F a , E F , - 4 5
i , n .

※ 4 5 o 9 4 0 0 0 K h 5 , O / g .

※ E F W i n d o w s 0 t 9 , U n i c o d 0 , E F K / 0
| , K 3 0 / 0 .



B A M5 5 G P L C / . Z , . / .

※ Z . c P L C C c P , L C 4 5 , V .

※ . C c P L C , . / c G P L C .

E F (M A C 0) B , M A C 0 , , t C .

※ K .

※ 9 K N O n .

※ 2 g .



P C d T H M P L C , P L C . P L C 4 2 2 R 8 5 - ,
P L C . P C d T H M c : N P L C P L C c .



T H M E F K , . E F .

1 . C C N O P (1 : 1) C h
* C N O P (2 : 2) .

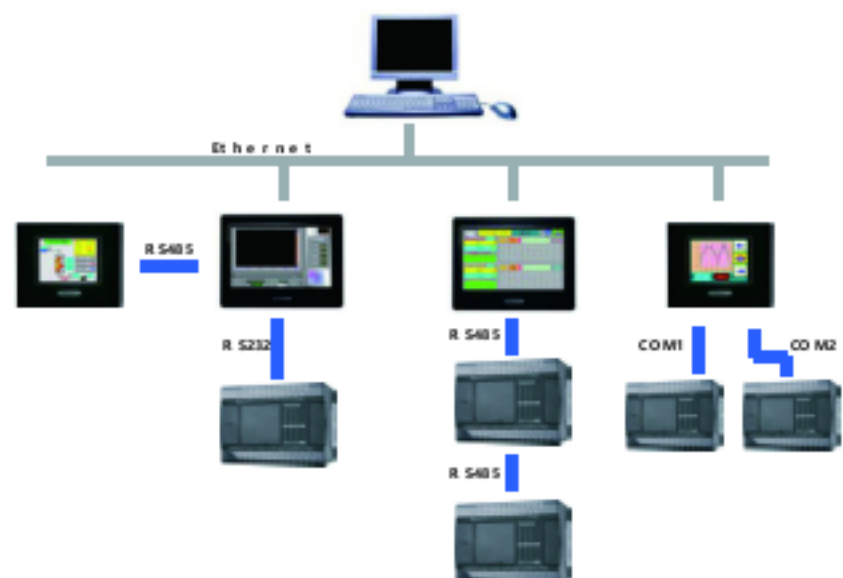
2 . C h (R 8 5) K C N O P (1 : h) .

3 . K (R 8 5) C N O P (n 1) .

4 . C d * (E t h e r n e t) K C N O P .

5 . C d * P C d N O P ,
P C N O P .

8



, N

4 5

THM0 4 3 A 2	4.3" , 16,965536 TF ED9L , 48x272 , 2 h USB , "
THM0 4 3 C 3	"4.3 16,965536 TF ED9L , 48x272 , 2 h USB , "
THM0 7 0 A 2	" 7 , 16,965536 TF ED9L , 80x480 , 2 h USB , "
THM0 7 0 A 2	7" , 16,965536 TF ED9L , 80x480 , 2 h USB , "
THM0 7 0 S	" 7 , 16,965536 TF ED9L , 80x480 , 2 h USB , " , E F K 3 0 h
THM0 7 0 C 3	" 7 , 16,965536 TF ED9L , 80x480 , 2 h USB , "
THM0 7 0 E 3	7" , 16,965536 TF ED9L , 80x480 , 2 h USB , "
THM0 8 0 A 2	8" , 65536 TF ED9L , 80x600 , 2 h USB , "
THM1 0 1 S	10.1, 16,965536 TF ED9L , 102x600 , 2 h USB , " , E F K 3 0 h
THM1 0 1 C 3	10.1, 16,965536 TF ED9L , 102x600 , 2 h USB , "
THM1 0 1 E 3	10.1" 1 , 16,965536 TF ED9L , 102x600 , 2 h USB , "
THM1 0 1 A 2	10.1" 1 , 16,965536 TF ED9L , 102x600 , 2 h USB , "
THM1 0 4 A 2	10.4" 4 , 65536 TF ED9L , 80x600 , 2 h USB , "
THM1 2 1 A 2	12.1" 1 , 65536 TF ED9L , 102x768 , 2 h USB , "
THM1 2 1 E 3	12.1" 1 , 65536 TF ED9L , 102x768 , 2 h USB , "
THM1 5 0 A 2	15" , 65536 TF ED9L , 102x768 , 2 h USB , "
THM1 5 0 E 3	15" , 65536 TF ED9L , 102x768 , 2 h USB , "
B A MS1 atDwach	4 5



美国邦纳

Sensing • Detecting • Automation Expert



www. banner engineering co mc
: " 1 5 3 5 2 1 2
: (0 0 8-62 1 - 2 4 2 2 6 8 8 8
: (0 0 8-62 1 - 2 4 2 2 6
: 4 0 0 - 6 3 0 - 6 3 3 6

