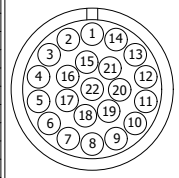
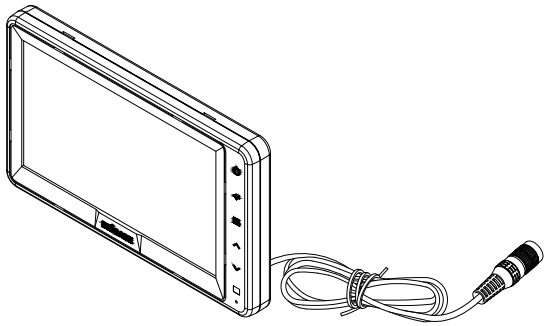
PIN#	DESCRIPTION	COLOUR
1	+12/24V	RED
2	TRIGGER 3	WHITE/BLUE
3	TRIGGER 2	BLUE
4	TRIGGER 4	BROWN
5	TRIGGER 1	PURPLE
6	GROUND	SHIELD
7	CA1 VIDEO	YELLOW
8	CA1 AUDIO	WHITE/YELLOW
9	CA1 +12V	LIGHT RED
10	CA2 VIDEO	WHITE
11	CA2 AUDIO	LIGHT GREEN
12	GROUND	BLACK
13	CA2 +12V	WHITE/RED
14	CA3 +12V	WHITE/GREEN
15	CA4 VIDEO	ORANGE
16	CA4 AUDIO	LIGHT BLUE
17	CA4 +12V	GREEN
18	CA3 VIDEO	WHITE/ORANGE
19	CA3 AUDIO	WHITE/L- GREEN
20	TRIGGER 5	WHITE/BLACK
21	NOT USED	NO CONNECTION
22	NOT USED	NO CONNECTION

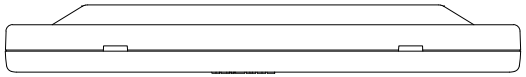
VIEW A

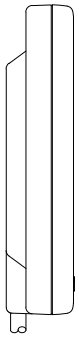


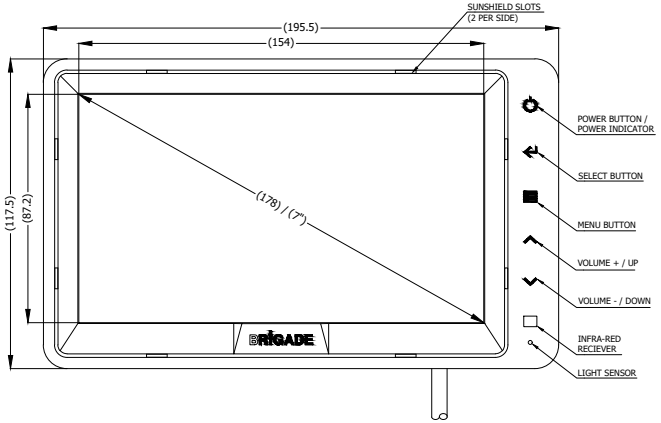
22 PIN MALE
MATING FACE

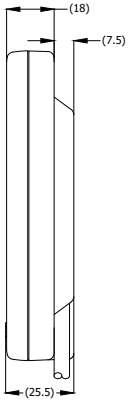


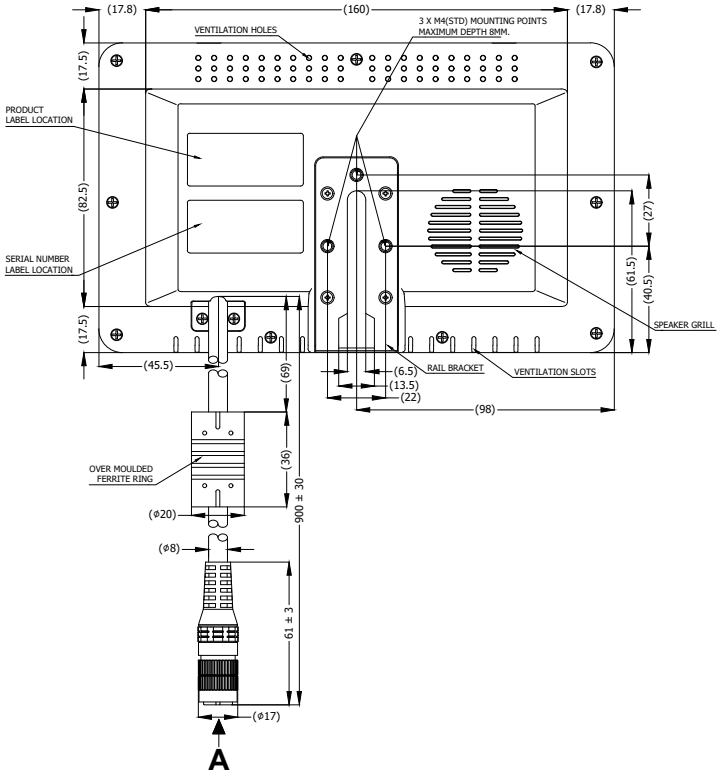
Revision Notes.				
R1 - FIRMWARE VERSION CHNAGED FROM VBV-770FM-V1.1-3 TO VBV-770FM-V1.1-4 (SEE TO ECR CR-A479)				
APA: YILING ZHANG	Drawn: M.BUTLER	Checked: D.RICHARDSON	Approved: B.JOHN	Date: 14/12/16
R2 - FIRMWARE VERSION CHNAGED FROM VBV-770FM-V1.1-4 TO VBV-770FM-V1.1-5 (SEE TO ECR CR-A485)				
APA: - YILING ZHANG	Drawn:W.BEAZLEY	Checked:M.BUTLER	Approved:B.JOHN	Date: 04/01/2017
R3 - FIRMWARE VERSION CHNAGED FROM VBV-770FM-V1.1-5 TO VBV-770FM-V1.1-6 (SEE TO ECR CR-A499)				
APA: YILING ZHANG	Drawn:W.BEAZLEY	Checked:M.BUTLER	Approved:D.WALLIN	Date: 20/02/2017
R4 - FIRMWARE VERSION CHNAGED FROM VBV-770FM-V1.1-6 TO VBV-770FM-V1.1-72 (SEE TO ECR CR-A520)				
APA: YILING ZHANG	Drawn:W.BEAZLEY	Checked:R.WILLIAMS	Approved:D.WALLIN	Date: 22/05/2017
R5 - FIRMWARE VERSION NOTE 4 CHNAGED FROM VBV-770FM-V1.1-72 TO VBV-770FM-V1.1-80 (SEE TO ECR CR-A606)				
APA: YILING.ZHANG	Drawn:W.BEAZLEY	Checked:M.BUTLER	Approved:D.WALLIN	Date: 15/02/2018
R6 - FIRMWARE VERSION NOTE 4 CHANGED FROM VBV-770FM-V1.1-80 TO VBV-770FM-V1.2-86 (SEE TO ECR CR-A617)				
APA: SHADOW	Drawn:W.BEAZLEY	Checked:R.BATES	Approved:D.WALLIN	Date: 19/06/2018











NOTES:
1. COLOUR OF CONNECTOR A IS BLACK.
2. REFER TO "PRODUCT SPECIFICATION" FOR MORE DETAILS.
3. FOR LABEL AND PACKAGING DETAIL REFER TO THE LATEST VERSION OF THE MASTER BOM (R6)
4. FIRMWARE VERSION BE-VBV-770FM-V1.2-86 TO BE PRELOADED TO THE MAIN BOARD
   & FIRMWARE VERSION ITE7235-MO727-KO1A-V10 TO BE PRELOADED TO THE KEYPAD BOARD DURING MANUFACTURE.
5. HOUSING MATERIAL: ABS PLASTIC, RAIL BRACKET MATERIAL: STEEL.
6. KEYPAD BUTTONS / SYMBOLS & EMBOSSED LOGO TO BE WHITE, INFRA-RED RECEIVER WINDOW TO BE TRANSLUCENT.
7. FINISH: BLACK COLOUR WITH SOFT TOUCH PAINT.
8. FERRITE SPECIFICATION: 100Ω @ 25MHz, 200Ω @ 100MHz.

PROPRIETARY NOTICE

THIS DESIGN AND TECHNICAL INFORMATION APPEARING ON THIS DRAWING IS THE PROPERTY OF BRIGADE ELECTRONICS, AND IS DISCLOSED IN CONFIDENCE. IT IS NOT TO BE COPIED, REPRODUCED, REVEALED TO OR EXPROPRIATED BY OTHERS, EITHER IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN CONSENT OF BRIGADE ELECTRONICS.

BRIGADE®
www.brigade-electronics.com

Assembly Pl Approval	Approved by	Checked by	Drawn by
YILING ZHANG (07/12/16)	B.JOHN	R.BATES	M.BUTLER

Angle of Projection — Third Angle

Units	Scale	Released	Assembly Ref
mm	N/A	23/09/16	13331013001

Status	
RELEASED	VBV-770FM-M
Part No 4893	BE-003231-06-15

FrameV3