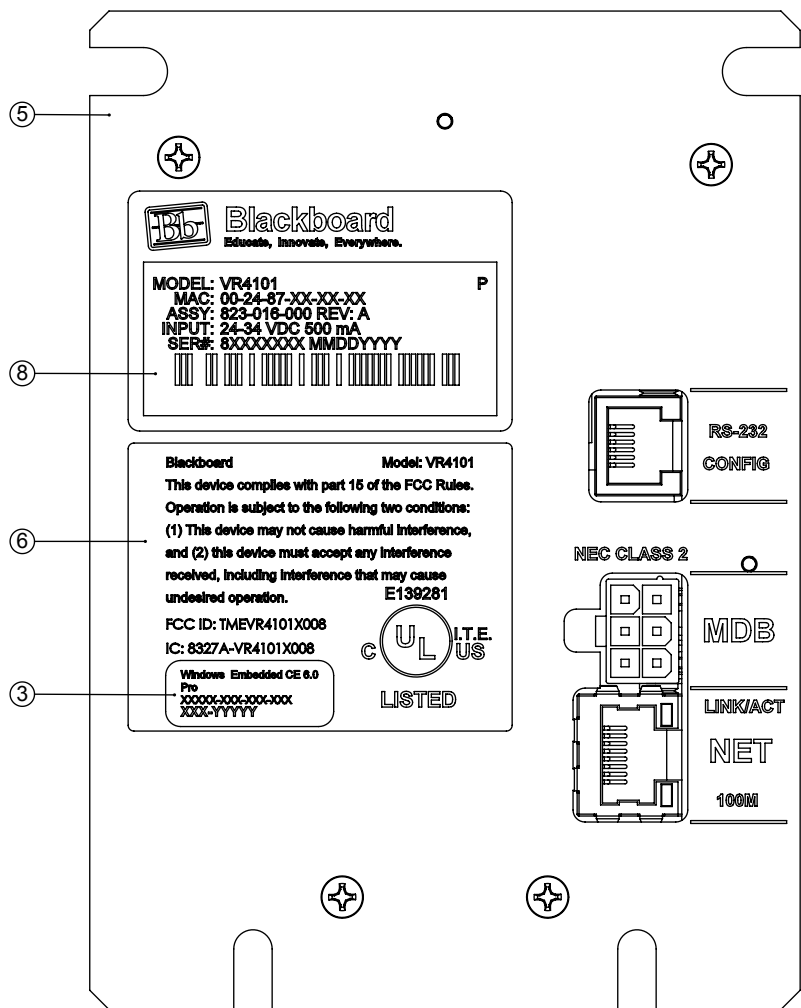


BILL OF MATERIALS			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	044-102-112	DATALIGHT LICENSE	1
2	044-102-113	SCHEMABSP RUNTIME LICENSE	1
3	044-102-114	WINDOWS CE 6.0 CORE LICENSE	1
4	044-710-027	DOC1151 CLEAR OVERLAY	1
5	823-016-000	VR4101 ASSEMBLY, SEIKO	1
6	DOC # 1367	VR4101 COMPLIANCE LABEL	1
7	DOC1151	2" X 1.25" BLANK BLACKBOARD LABEL	1
8	SERIES8SERIAL	SERIES 8 SERIAL NUMBERS	1

-FOR REFERENCE ONLY

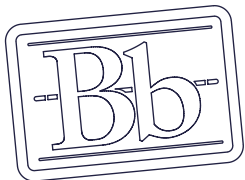
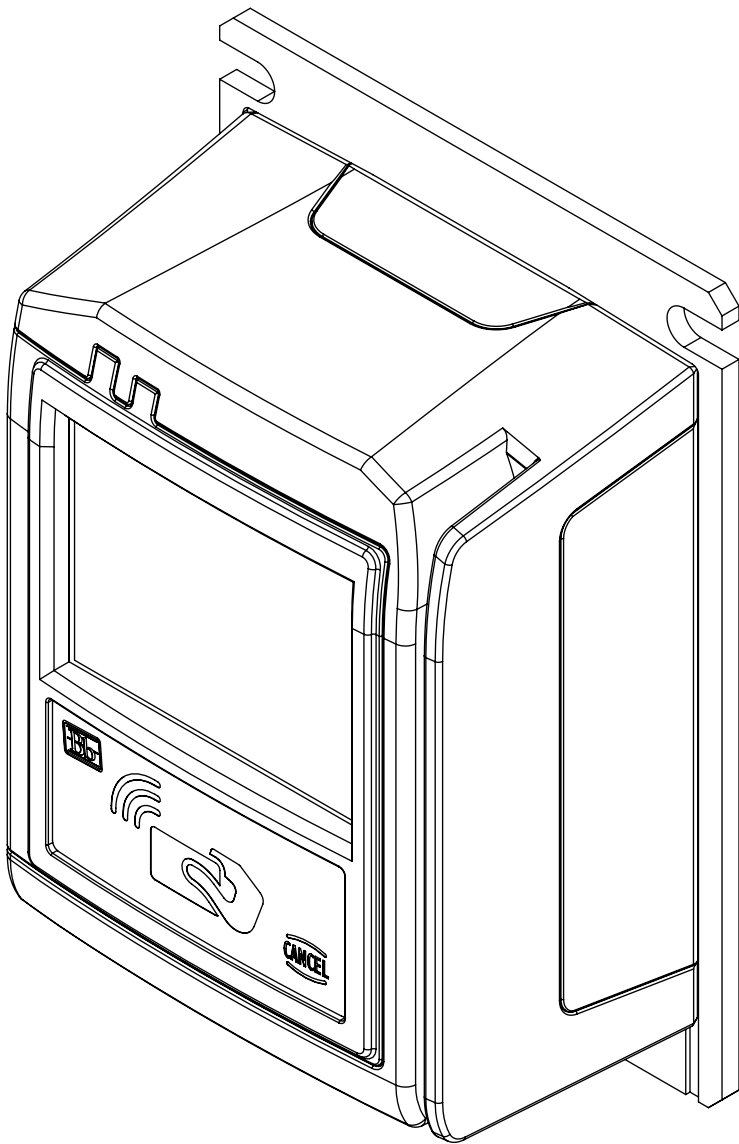
-SEE SHEET 4

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	ECO10012, PRODUCTION RELEASE	06/13/2011	CNC



NOTES:

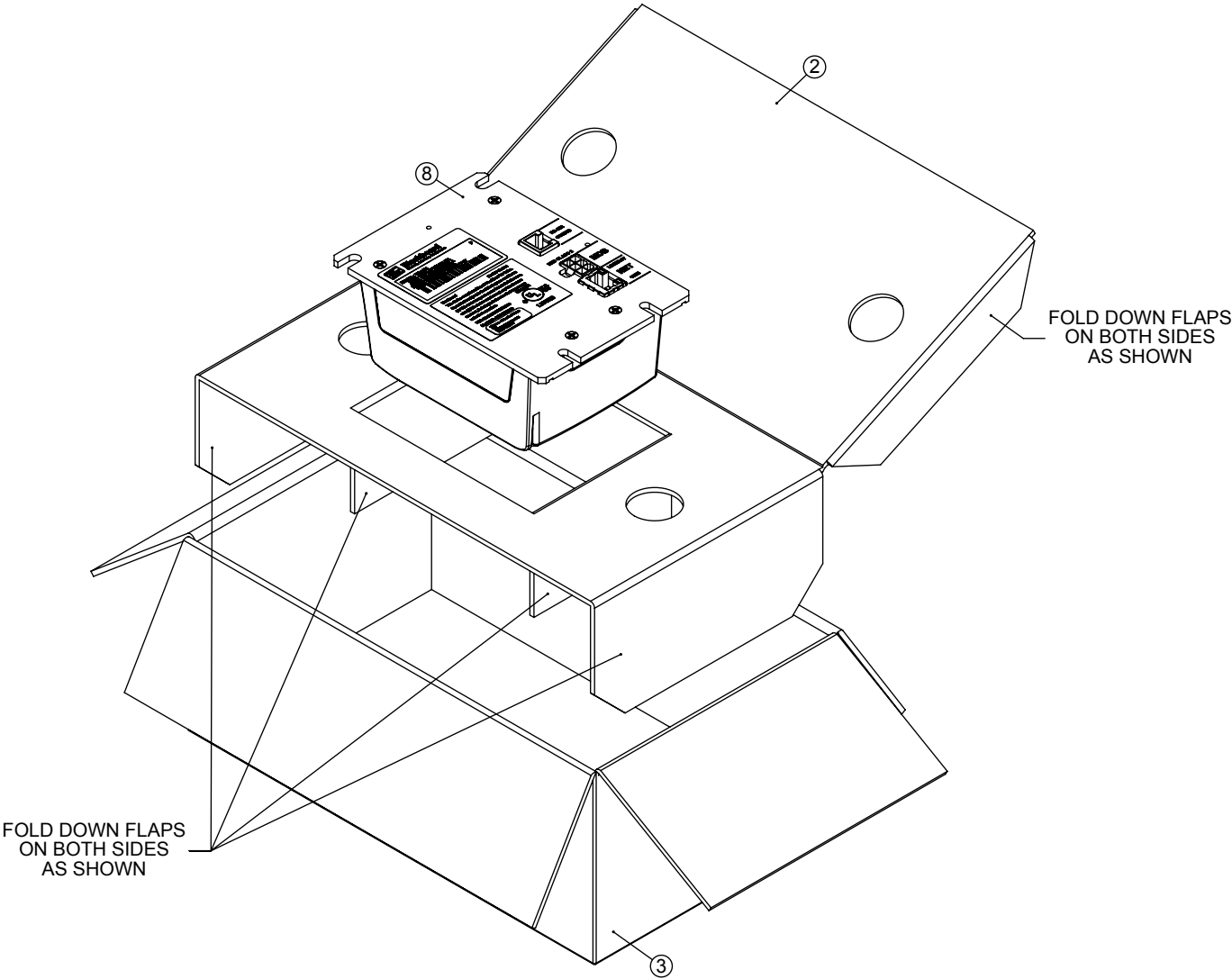
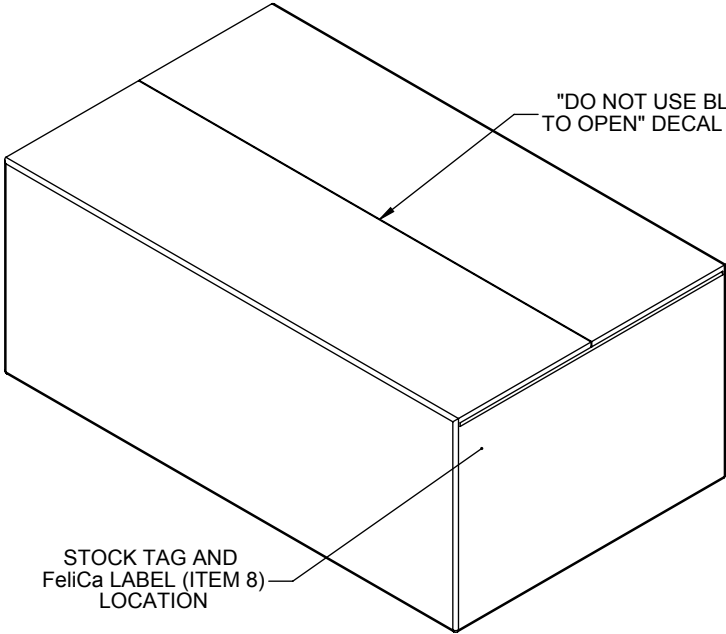
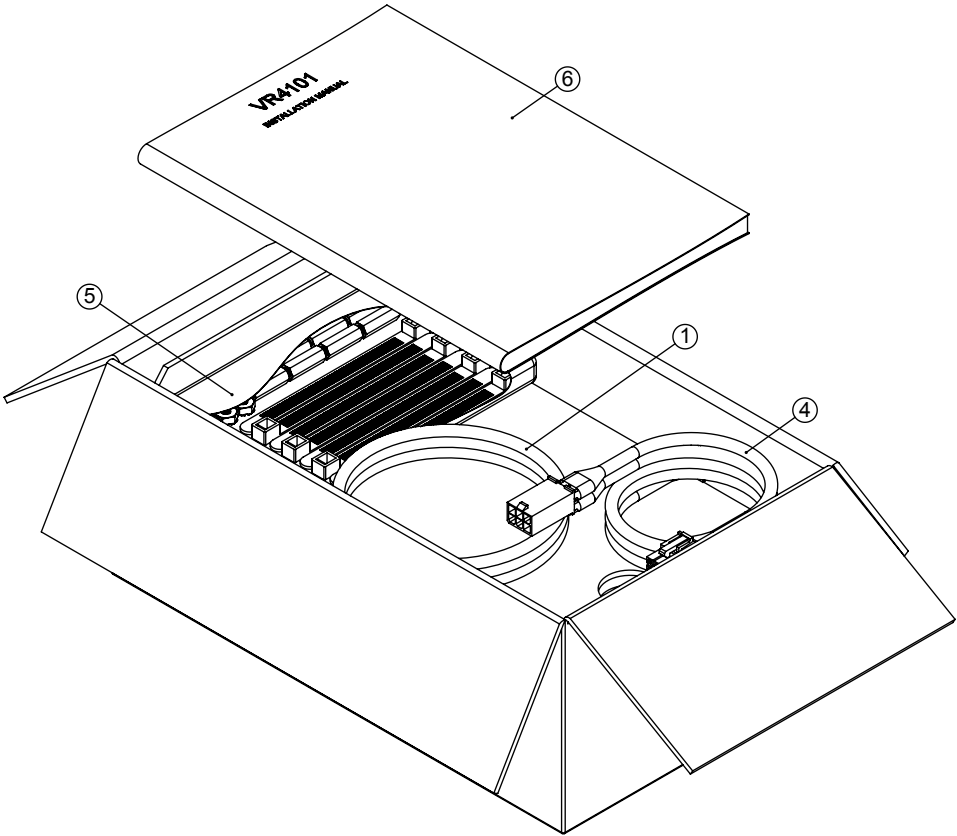
1. REFER TO THE BLACKBOARD PRODUCT PROGRAMMING AND TEST MANUAL (DOC1306) FOR UNIT PROGRAMMING AND TEST INSTRUCTIONS.
2. CREATE A SERIES8SERIAL LABEL WITH SERIAL NUMBER (ITEM 8) AND APPLY IN POSITION SHOWN (SEE SHEET 4).
3. APPLY VR4101 COMPLIANCE LABEL (ITEM 6) AS SHOWN.
4. APPLY WINDOWS CE LABEL (ITEM 3) AS SHOWN.



PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BLACKBOARD INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BLACKBOARD INC. IS PROHIBITED.	INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5	MFG APPR.		SIZE B	DWG. NO. VR4101		REV A
	MATERIAL N/A	Q.A.		SCALE: 1:1			SHEET 1 OF 4
	FINISH N/A	COMMENTS:					
	DO NOT SCALE DRAWING						

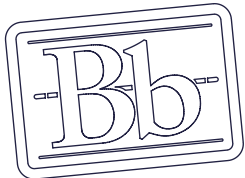
BILL OF MATERIALS			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	044-042-039	25' CAT5 NETWORK CABLE, BLUE	1
2	044-906-001	VR/MDB2 DIE CUT PACKAGING INSERT 10 X 6 X 4	1
3	044-906-027	BOX, 10 X 6 X 4, WHITE	1
4	055-800-132	POWER / DATA CABLE	1
5	100-070-064	VENDING HARDWARE KIT	1
6	DOC # 1277	VR4100 INSTALLATION MANUAL	1
7	DOC1334	FeliCa LABEL	1
8	VR4101	VR4101 ASSEMBLY	1

FOR REFERENCE
SEE SHEET 1



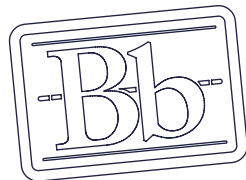
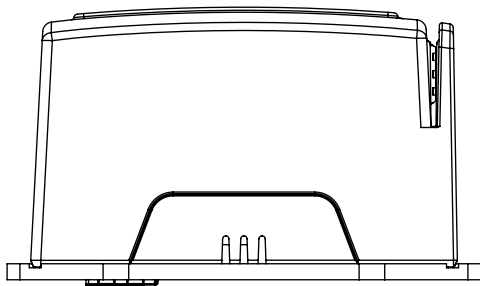
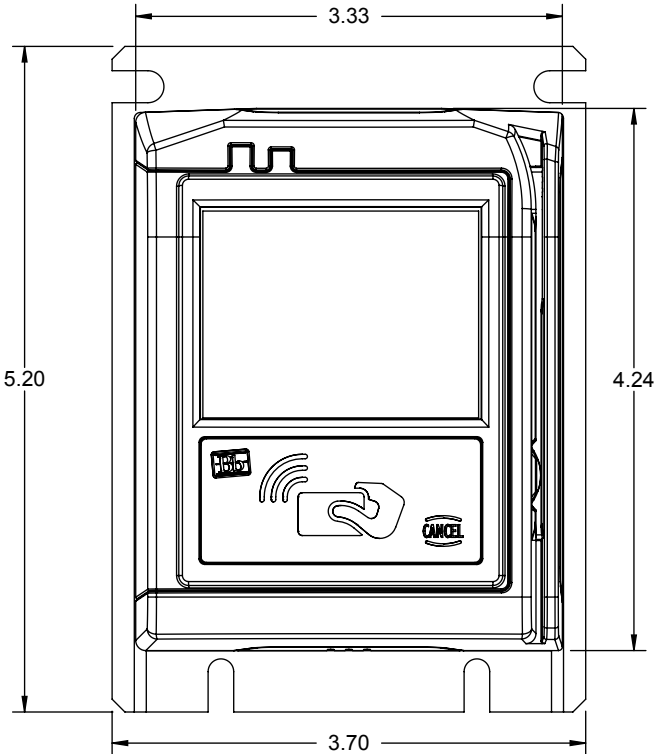
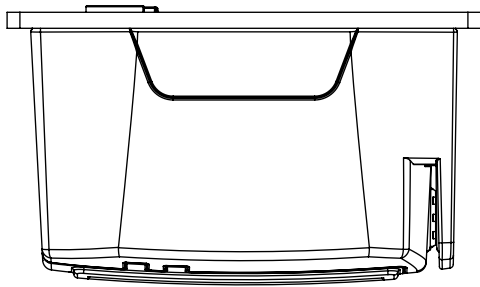
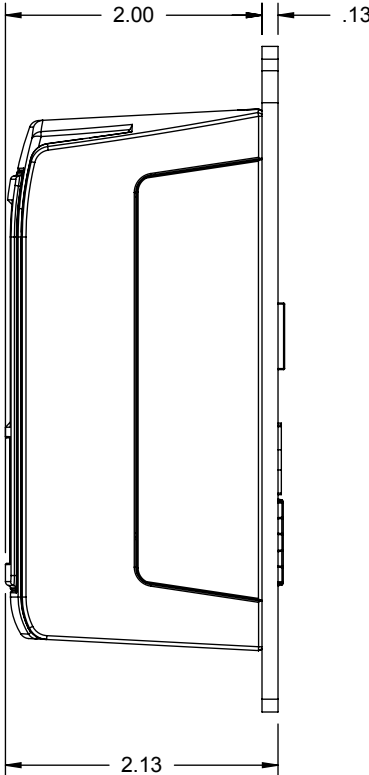
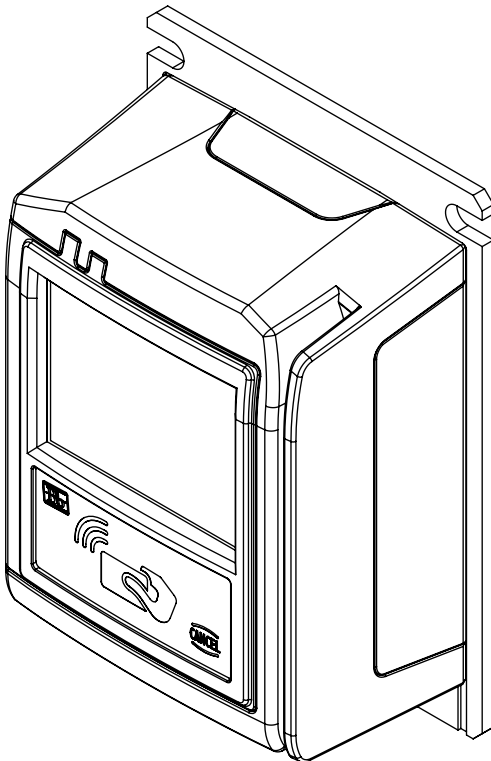
VR4101 PACKAGING INSTRUCTIONS

- USE A 10 X 6 X 4 BOX (ITEM 3) AND 044-906-001 CARDBOARD PACKAGING INSERT (ITEM 2). FOLD FLAPS OF DIE CUT PACKAGING AS SHOWN IN DRAWING. INSERT THE DIE CUT PACKAGING IN THE BOX AS SHOWN.
- PUT THE 823-016-000 VR4101 COMPLETE (ITEM 8) IN A PLASTIC BAG. THEN PLACE UNIT THRU THE HOLE IN THE CENTER OF THE DIE CUT PACKAGING AS SHOWN.
- FOLD DOWN TOP OF DIE CUT PACKAGING INSERT. PLACE THE 044-042-039 NETWORK CABLE (ITEM 1), 055-800-132 POWER/DATA CABLE (ITEM 4), 100-070-064 HARDWARE KIT (ITEM 5), AND VR4100 INSTALLATION MANUAL (ITEM 6) ON TOP OF THE DIE CUT PACKAGING.
- SEAL THE BOX WITH TAPE, APPLY A "DO NOT USE BLADE TO OPEN" STICKER ON THE TOP CENTER OF THE BOX. A STOCK TAG THAT IDENTIFIES THE PRODUCT AND PRODUCTS SERIAL NUMBER IS TO BE APPLIED TO THE PACKAGING.
- PLACE A FeliCa LABEL (ITEM 7) NEXT TO THE STOCK TAG.



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
BLACKBOARD INC. ANY REPRODUCTION
IN PART OR AS A WHOLE WITHOUT THE
WRITTEN PERMISSION OF
BLACKBOARD INC. IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Blackboard Inc. Phoenix, Arizona	
DIMENSIONS ARE IN INCHES DEBURR AND BREAK ALL SHARPS		DRAWN	CNC		
TOLERANCES: DECIMALS: X = ± .1 .XX = ± .01 .XXX = ± .005		CHECKED		TITLE: VR4101 PACKAGING	
FRACTIONS: ANGULAR: ± 1/64 ± .5°		ENG APPR.			
INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5		MFG APPR.		SIZE B	DWG. NO. VR4101
MATERIAL N/A		Q.A.		REV A	
FINISH N/A		COMMENTS:		SCALE: 1:3	
DO NOT SCALE DRAWING				SHEET 2 OF 4	



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
BLACKBOARD INC. ANY REPRODUCTION
IN PART OR AS A WHOLE WITHOUT THE
WRITTEN PERMISSION OF
BLACKBOARD INC. IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Blackboard Inc.	
DIMENSIONS ARE IN INCHES DEBURR AND BREAK ALL SHARPS		DRAWN	CNC	Phoenix, Arizona	
TOLERANCES:		CHECKED		TITLE:	
DECIMALS:		ENG APPR.		VR4101 PACKAGING	
FRACTIONS:		MFG APPR.		SIZE	REV
ANGULAR:		COMMENTS:		B	A
INTERPRET GEOMETRIC TOLERANCING PER:				DWG. NO.	
MATERIAL				VR4101	
FINISH				SCALE: 1:1.5	
DO NOT SCALE DRAWING				SHEET 3 OF 4	

1. **LABEL MATERIAL:** DOC1151

2. **LABEL INFORMATION:**

MODEL: VR4101

MANUFACTURE CODE: P
DITRON = D, PRIDE INDUSTRIES = P

MAC ADDRESS: 00-24-87-XX-XX-XX
SEE SERIAL NUMBER ON HOW TO CREATE THE MAC ADDRESS.

ASSEMBLY NUMBER: 823-016-000

REVISION: A
CURRENT REVISION OF THE ASSEMBLY IN LETTER FORMAT.

INPUT: 24-34 VDC 500 mA

SERIAL NUMBER: 8XXXXXXX
THE 8 DIGIT SERIAL NUMBER IS CREATED FROM THE BELOW
RANGE IN SEQUENTIAL ORDER.
STARTING SERIAL NUMBER: 80000000
ENDING SERIAL NUMBER: 89999999

TO GENERATE THE MAC ADDRESS FOLLOW THE BELOW
INSTRUCTIONS.

STATIC MAC PREFIX: 00-24-87
STARTING MAC ADDRESS: 00-24-87-00-00-00
ENDING MAC ADDRESS: 00-24-87-98-96-7F

SERIAL NUMBER TO MAC CONVERSION:
EXAMPLE SERIAL NUMBER, SN: 89999194

ENSURE THE SERIAL NUMBER IS 8 DIGITS LONG AND BEGINS
WITH 8. SUBTRACT 80,000,000 FROM THE SERIAL NUMBER. IN
THIS EXAMPLE THE RESULT WILL BE 9999194. CONVERT THE
RESULT INTO HEX: 9999194 EQUALS HEX: 98935A. APPLY THE
STATIC MAC PREFIX, 00-24-87, AND THE RESULTING MAC
ADDRESS IS MAC: 00-24-87-98-93-5A.

DATE CODE: MMDDYYYY
THE DATE CODE IS THE DATE OF MANUFACTURE
IN MMDDYYYY FORMAT, WHERE MM IS THE 2 DIGIT MONTH, DD
IS THE 2 DIGIT DAY AND YYYY IS THE 4 DIGIT YEAR.

BARCODE: SYMBOLOGY TYPE, CODE 3 OF 9.
INFORMATION CONTAINED IN THE BARCODE IS THE SERIAL
NUMBER.

ADDITIONAL INFORMATION: N/A

3. AFTER PRINTING THE ABOVE INFORMATION APPLY A CLEAR
OVERLAY (044-710-027) TO THE LABEL.



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
BLACKBOARD INC. ANY REPRODUCTION
IN PART OR AS A WHOLE WITHOUT THE
WRITTEN PERMISSION OF
BLACKBOARD INC. IS PROHIBITED.

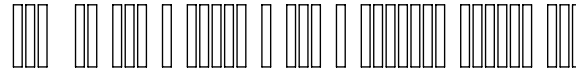
UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Blackboard Inc. Phoenix, Arizona		
DIMENSIONS ARE IN INCHES DEBURR AND BREAK ALL SHARPS TOLERANCES: DECIMALS: FRACTIONS: ANGULAR:		DRAWN	CNC	TITLE: VR4101 PACKAGING		
		CHECKED				
		ENG APPR.				
INTERPRET GEOMETRIC TOLERANCING PER:	ANSI Y14.5	MFG APPR.		SIZE A	DWG. NO. VR4101	REV A
MATERIAL	N/A	Q.A.		SCALE: 2:1		SHEET 4 OF 4
FINISH	N/A	COMMENTS:				
DO NOT SCALE DRAWING						



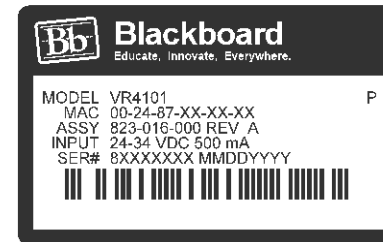
Blackboard
Educate, Innovate, Everywhere.

MODEL: VR4101
MAC: 00-24-87-XX-XX-XX
ASSEM: 823-016-000
INPUT: 24-34 VDC 500 mA
SERIAL NUMBER: 8XXXXXXX
BAR CODE: SEE NOTES.

MODEL: VR4101
MAC: 00-24-87-XX-XX-XX
ASSY: 823-016-000 REV: A
INPUT: 24-34 VDC 500 mA
SER#: 8XXXXXXX MMDDYYYY



P
MANUFACTURE CODE: P
REVISION: A
DATE CODE: MMDDYYYY
ADDITIONAL INFORMATION:
N/A.



FINISHED LABEL EXAMPLE
SCALE: 1:1