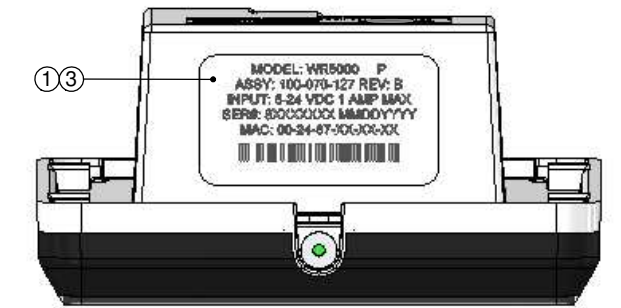
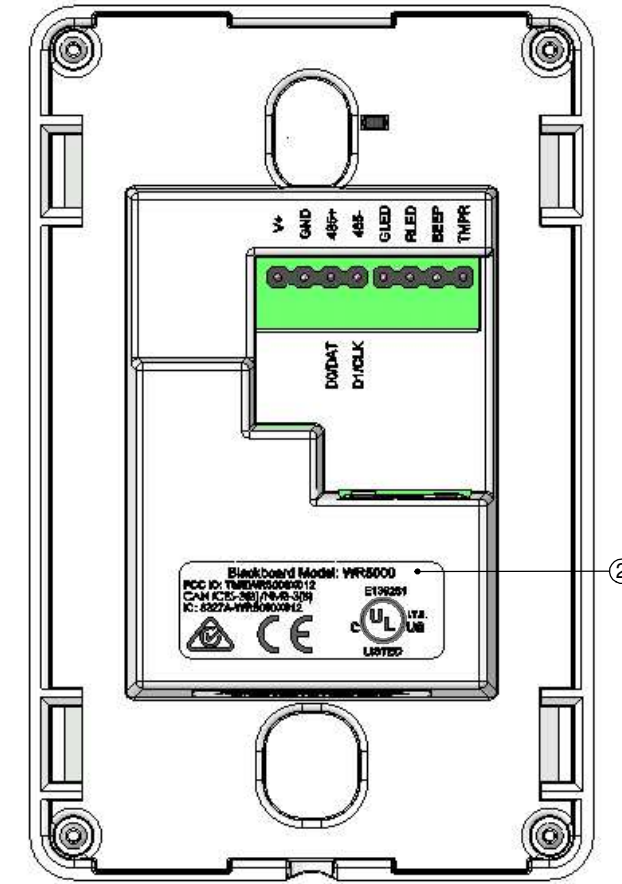
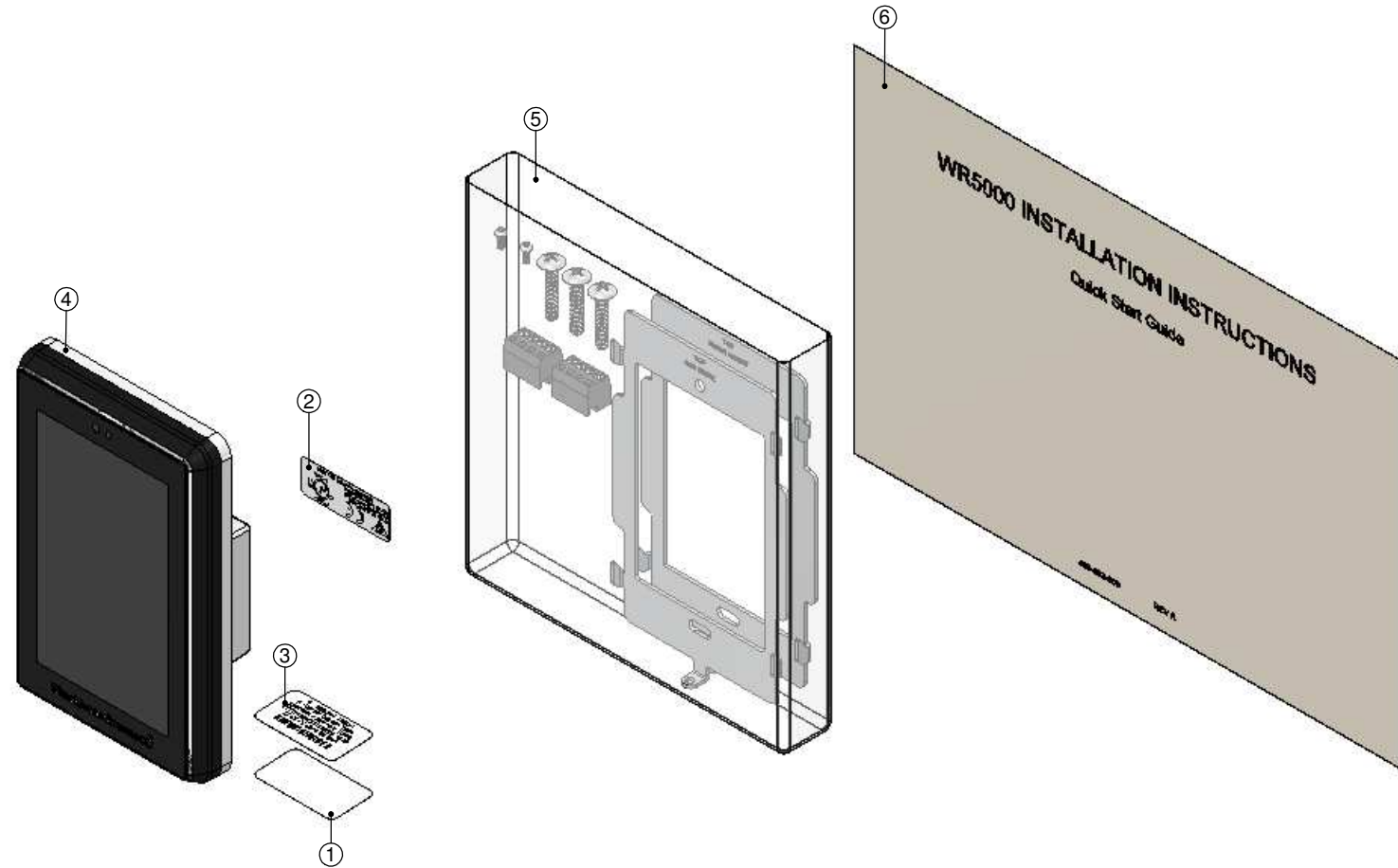


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	044-710-028	DOC1058 CLEAR OVERLAY	1
2	044-710-047	WR5000 COMPLIANCE LABEL	1
3	044-710-048	WR5000 PRODIDLABEL	1
4	100-070-127	WR5000 ASSEMBLY	1
5	100-070-128	WR5000 HARDWARE KIT	1
6	403-003-000	WR5000 INSTALLATION INSTRUCTIONS	1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PRELIMINARY RELEASE	3/31/2017	CNC
B	PRODUCTION RELEASE	9/11/2017	CNC



WR5000 PACKAGING NOTES:

1. PACKAGING IS TO BE DETERMINED BY THE CONTRACT MANUFACTURE. PACKAGING DESIGN MUST PROTECT PRODUCT FROM ANY SHIPPING DAMAGE. DETAILED DRAWINGS AND SAMPLES OF THE PACKAGING TO BE SUPPLIED TO BLACKBOARD ENGINEERING FOR APPROVAL PRIOR TO PRODUCTION.
2. PACKAGING TO HOLD THE ITEMS SHOWN ABOVE. ITEMS INCLUDE THE WR5000 ASSEMBLY (ITEM 3), WR5000 QUICK START GUIDE (ITEM 5), AND THE WR5000 HARDWARE KIT (ITEM 4). PARTS MUST PUT IN SEPARATE PLASTIC BAGS PRIOR TO PACKAGING.
3. A STOCK TAG THAT IDENTIFIES THE PRODUCT AND ITS SERIAL NUMBER IS TO BE APPLIED TO THE PACKAGING.

STOCK TAG INFORMATION:

WR5000
SERIAL NUMBER

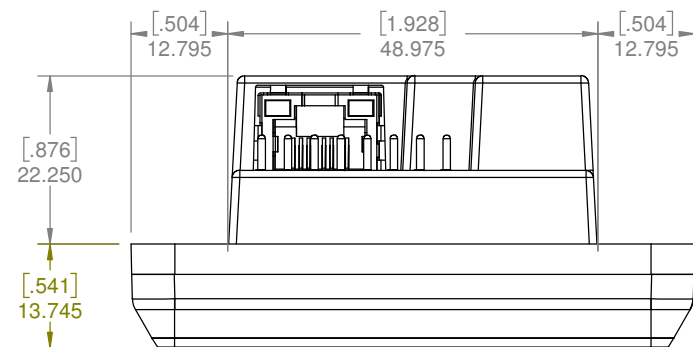
APPLY THE REGULATORY COMPLIANCE LABEL (ITEM 2), THE SERIAL NUMBER (ITEM 3), AND CLEAR OVERLAY (ITEM 1) TO THE ASSEMBLY IN THE LOCATIONS AS SHOWN.

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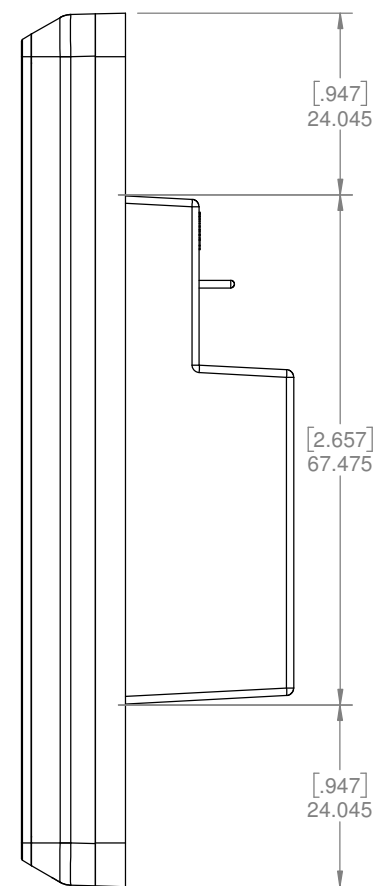
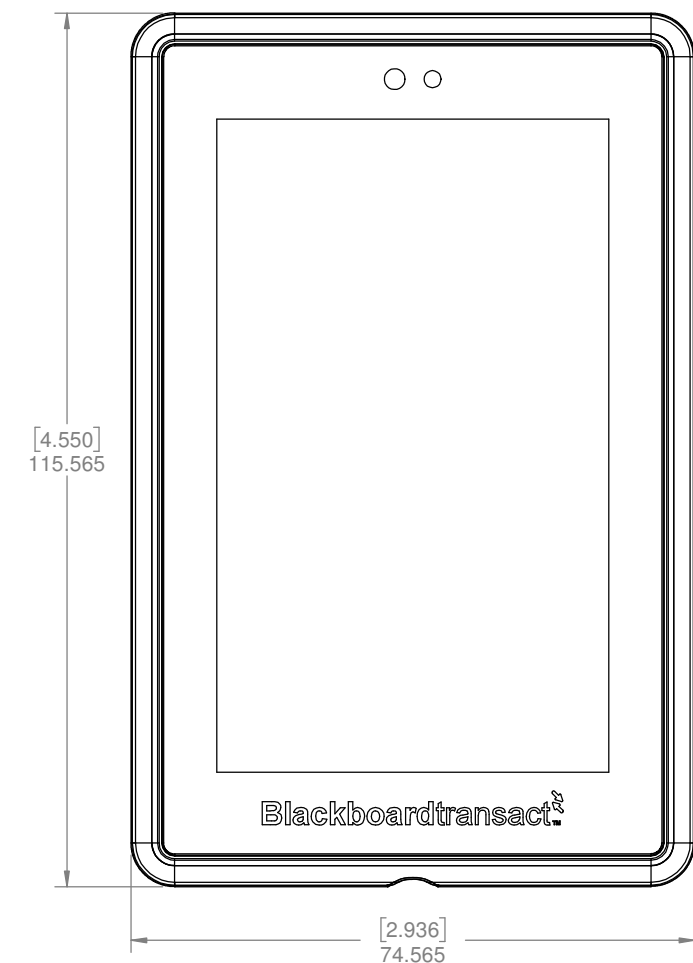
UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES DEBURR AND BREAK ALL SHARPS		DRAWN	CNC 3/17/2017
TOLERANCES: DECIMALS: X = ± .1 XX = ± .01 XXX = ± .005		CHECKED	
FRACTIONS: ± 1/64		ENG APPR.	
ANGULAR: ± .5°		MFG APPR.	
INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5		Q.A.	
MATERIAL: SEE BOM		COMMENTS:	
FINISH: N/A			
DO NOT SCALE DRAWING			

Blackboard Inc. Phoenix, Arizona			
TITLE: WR5000 WALL MOUNT READER			
SIZE B	DWG. NO. WR5000	REV B	
SCALE: 1:2		SHEET 1 OF 3	



[.876]
22.250

[.541]
13.745



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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 DEBURR AND BREAK ALL SHARPS
 TOLERANCES:
 DECIMALS: X = ± .1
 .XX = ± .01
 .XXX = ± .005
 FRACTIONS: ± 1/64
 ANGULAR: ± .5°
 INTERPRET GEOMETRIC
 TOLERANCING PER: ANSI Y14.5
 MATERIAL: SEE BOM
 FINISH: N/A
 DO NOT SCALE DRAWING

NAME	DATE
CNC	3/17/2017
CHECKED	
ENG APPR.	
MFG APPR.	
Q.A.	
COMMENTS:	

Blackboard Inc. Phoenix, Arizona			
TITLE: WR5000 WALL MOUNT READER			
SIZE	DWG. NO.	REV	
B	WR5000	B	
SCALE: 1:1		SHEET 2 OF 3	

- LABEL MATERIAL:** DOC1058
- LABEL INFORMATION:**

MODEL: WR5000

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: 100-070-127

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

INPUT: 6-24 VDC 1 AMP MAX

SERIAL NUMBER: 8XXXXXXXXX
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

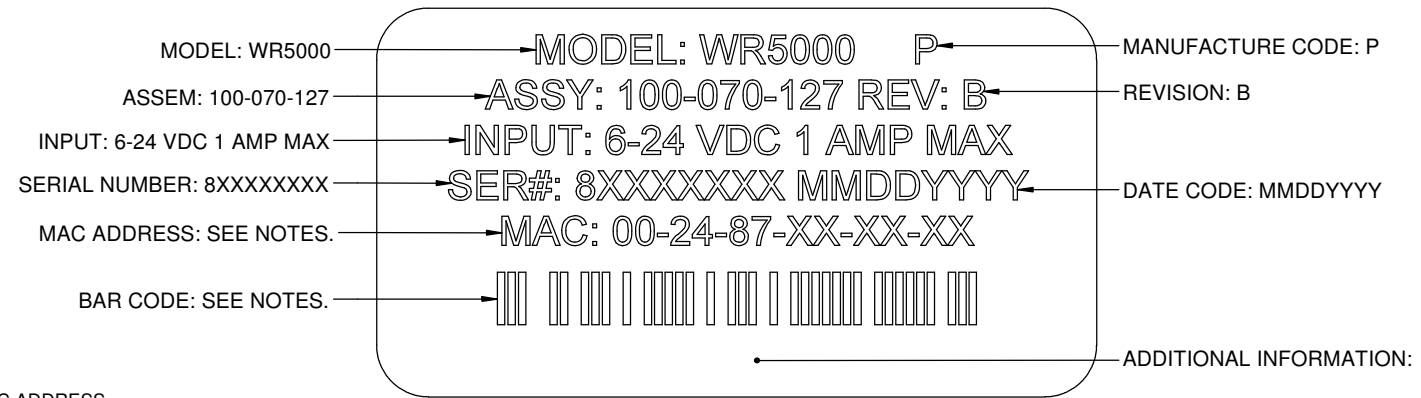
SERIAL NUMBER TO MAC CONVERSION:
EXAMPLE SERIAL NUMBER, SN: 89999194

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:



FINISHED LABEL EXAMPLE
SCALE: 1:1

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UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Blackboard Inc. Phoenix, Arizona	
DIMENSIONS ARE IN mm [INCHES] DEBURR AND BREAK ALL SHARPS	DRAWN	CNC	3/17/2017	TITLE: WR5000 WALL MOUNT READER	
TOLERANCES: DECIMALS: .X = ± 2.54 [0.1] .XX = ± 0.254 [0.01] .XXX = ± 0.127 [0.005]	CHECKED			SIZE DWG. NO. REV A WR5000 B	
FRACTIONS: ± 1/64 ANGULAR: ± .5°	ENG APPR.			SCALE: 1:2 SHEET 3 OF 3	
INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5	MFG APPR.				
MATERIAL: SEE BOM	Q.A.				
FINISH: N/A	COMMENTS:				
DO NOT SCALE DRAWING					