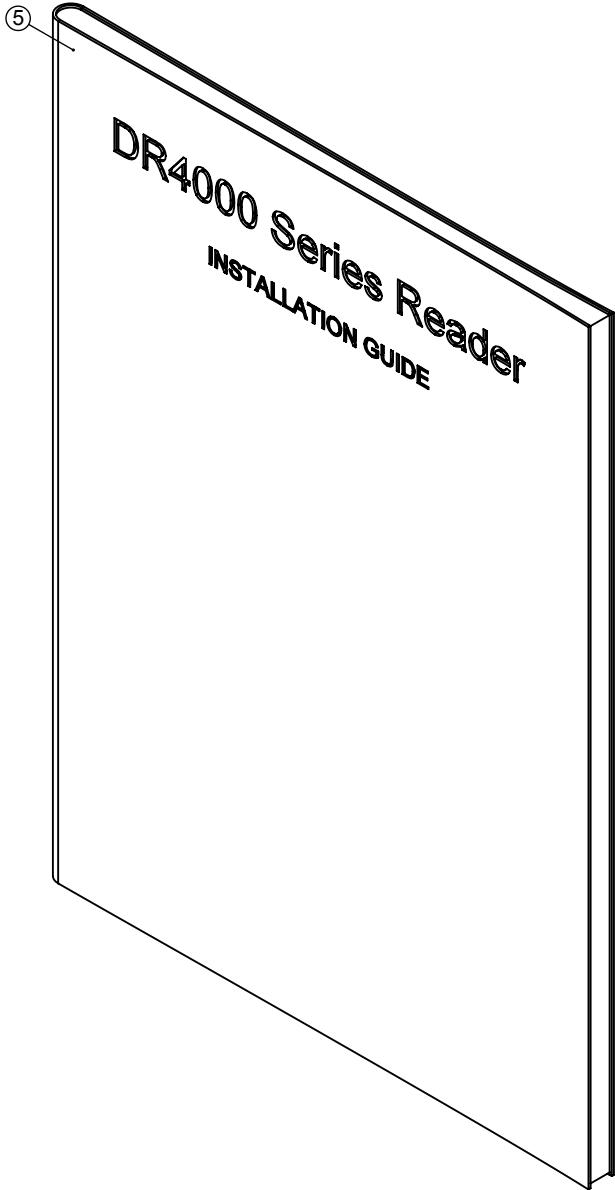
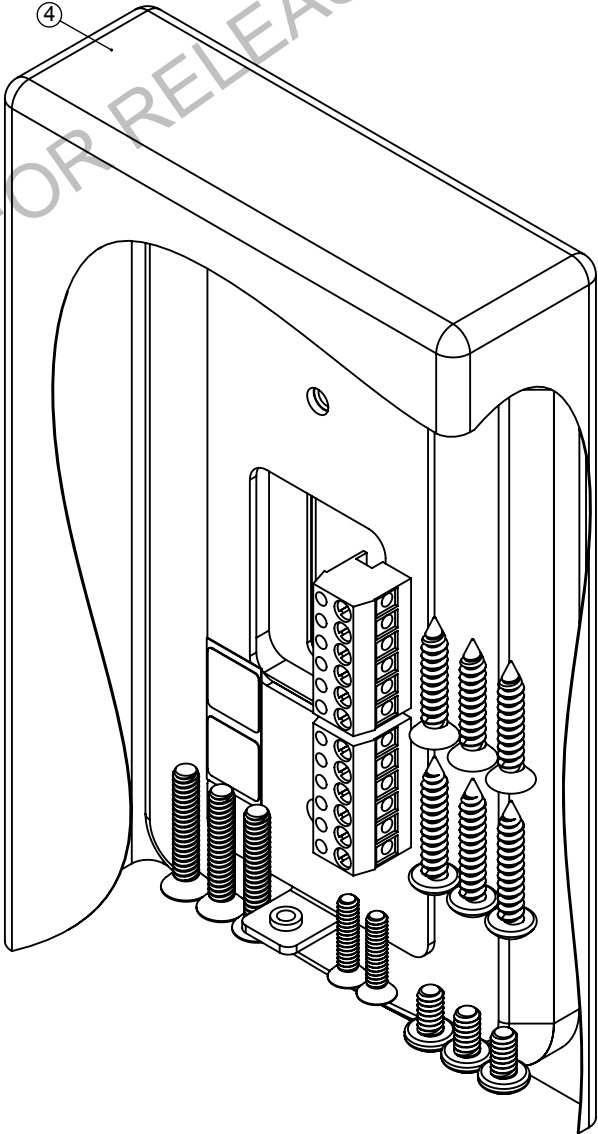
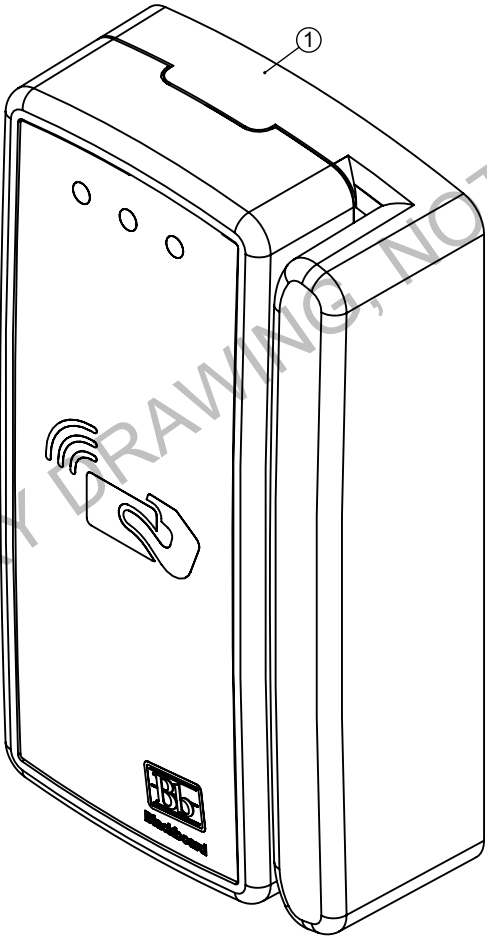
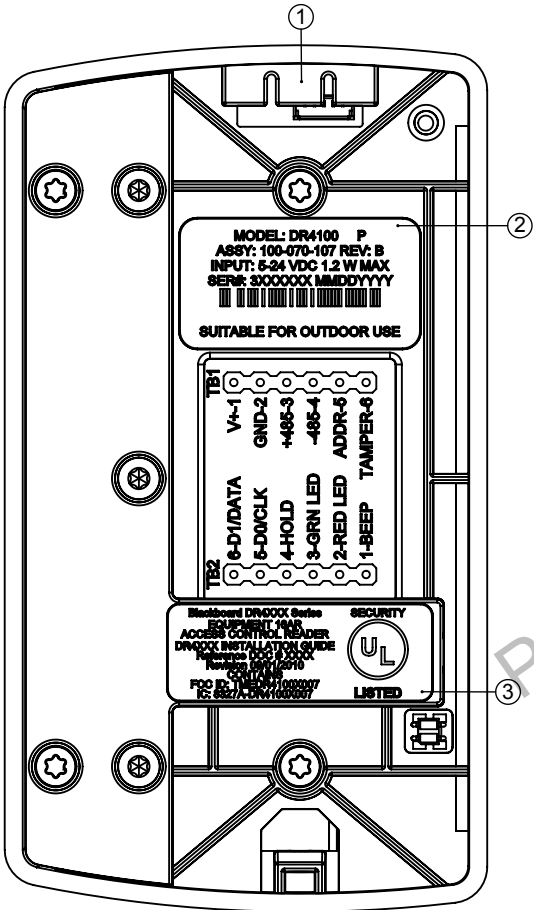


| ITEM NO. | PART NUMBER | REV | DESCRIPTION                             | QTY. |
|----------|-------------|-----|-----------------------------------------|------|
| 1        | 100-070-107 | D   | DR4100 READER ASSEMBLY                  | 1    |
| 2        | PRODIDLABEL | B   | PRODUCT ID LABEL                        | 1    |
| 3        | DOC1329     | A   | DR4XXX COMPLIANCE LABEL                 | 1    |
| 4        | 100-070-109 | C   | DR41XX/DR42XX HARDWARE KIT              | 1    |
| 5        | DOC1330     | A   | DR4000 SERIES READER INSTALLATION GUIDE | 1    |
| 6        | DOC1334     | -   | FeliCa LABEL                            | 1    |



FOR REFERENCE ONLY

| REVISIO |                          |            |          |
|---------|--------------------------|------------|----------|
| REV.    | DESCRIPTION              | DATE       | APPROVED |
| A       | PROTOTYPE RELEASE        | 04/15/2010 | CNC      |
| B       | CO 5939, CO 5940, C05943 | 11/9/2010  | CNC      |
| C       | CO59XX, CO5946           | 11/17/2010 | CNC      |



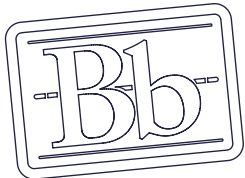
NOTES:

- REFER TO THE BLACKBOARD PRODUCT PROGRAMMING AND TEST MANUAL (DOC1306) FOR FINAL UNIT SETUP AND TESTING.
- CREATE PRODUCT IDENTIFICATION LABEL (ITEM 2) WITH SERIAL NUMBER (SEE SHEET 3) AND APPLY IN POSITION SHOWN.
- APPLY DR4100 COMPLIANCE LABEL (ITEM 3) AS SHOWN.



DR4100 PACKAGING INSTRUCTIONS

- 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.
- PACKAGING TO HOLD THE ITEMS SHOWN ABOVE. ITEMS INCLUDE THE DR4100 (ITEM 1), DR41XX/DR42XX HARDWARE KIT (ITEM 4), AND DR4100 INSTALLATION GUIDE (ITEM 5).
- A STOCK TAG THAT IDENTIFIES THE PRODUCT AND PRODUCTS SERIAL NUMBER AND A FeliCa LABEL (DOC1334) IS TO BE APPLIED TO THE PACKAGING.



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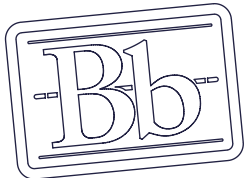
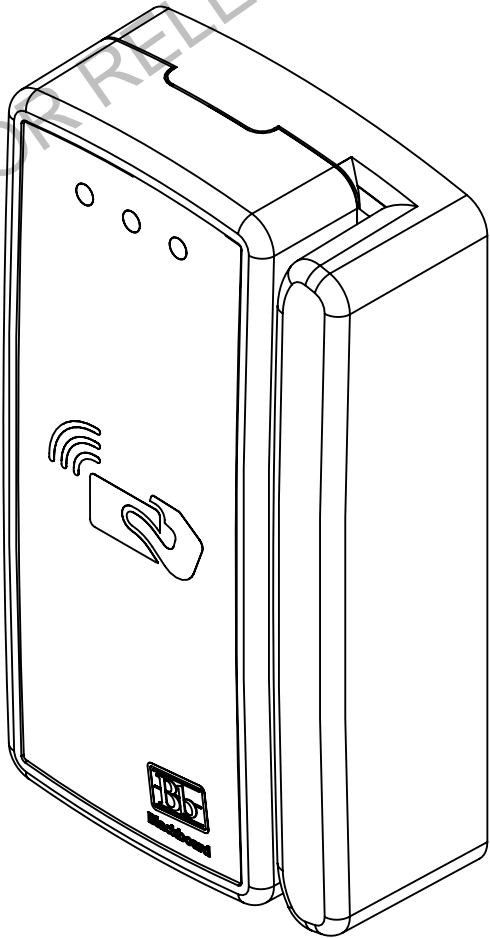
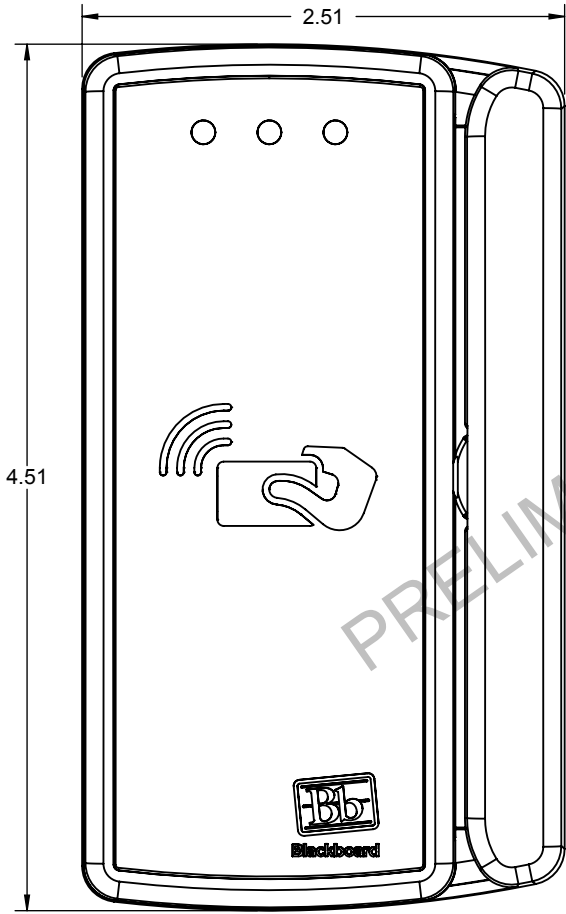
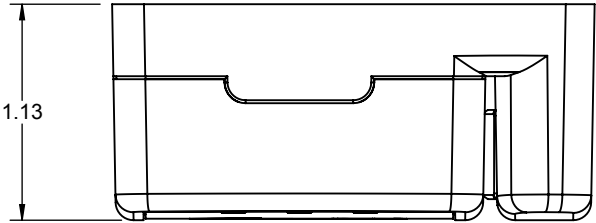
| UNLESS OTHERWISE SPECIFIED:                                                                                   |            | NAME      | DATE       |
|---------------------------------------------------------------------------------------------------------------|------------|-----------|------------|
| DIMENSIONS ARE IN INCHES<br>DEBURR AND BREAK ALL SHARPS<br>TOLERANCES:<br>DECIMALS:<br>FRACTIONS:<br>ANGULAR: | DRAWN      | CNC       | 04/15/2010 |
|                                                                                                               | CHECKED    |           |            |
|                                                                                                               | ENG APPR.  |           |            |
| INTERPRET GEOMETRIC TOLERANCING PER:                                                                          | ANSI Y14.5 | MFG APPR. |            |
| MATERIAL                                                                                                      | N/A        | Q.A.      |            |
| FINISH                                                                                                        | N/A        | COMMENTS: |            |
| DO NOT SCALE DRAWING                                                                                          |            |           |            |

Blackboard Inc.  
Phoenix, Arizona

TITLE:  
**DR4100 FeliCa+Mag STRIPE DOOR READER**

|                  |                           |                 |
|------------------|---------------------------|-----------------|
| SIZE<br><b>B</b> | DWG. NO.<br><b>DR4100</b> | REV<br><b>C</b> |
|------------------|---------------------------|-----------------|

SCALE: 1:1 SHEET 1 OF 3



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|                                                                                                                                                                      |           |           |            |                                      |              |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|------------|--------------------------------------|--------------|-----|
| UNLESS OTHERWISE SPECIFIED:                                                                                                                                          |           | NAME      | DATE       | Blackboard Inc.                      |              |     |
| DIMENSIONS ARE IN INCHES<br>DEBURR AND BREAK ALL SHARPS<br>TOLERANCES:<br>DECIMALS: .X = ± .1<br>.XX = ± .01<br>.XXX = ± .005<br>FRACTIONS: ± 1/64<br>ANGULAR: ± .5° | DRAWN     | CNC       | 04/15/2010 | Phoenix, Arizona                     |              |     |
|                                                                                                                                                                      | CHECKED   |           |            | TITLE:                               |              |     |
|                                                                                                                                                                      | ENG APPR. |           |            | DR4100 FeliCa+Mag STRIPE DOOR READER |              |     |
|                                                                                                                                                                      | MFG APPR. |           |            | SIZE                                 | DWG. NO.     | REV |
| INTERPRET GEOMETRIC<br>TOLERANCING PER: ANSI Y14.5                                                                                                                   |           |           |            | B                                    | DR4100       | C   |
| MATERIAL                                                                                                                                                             | N/A       | Q.A.      |            |                                      |              |     |
| FINISH                                                                                                                                                               | N/A       | COMMENTS: |            |                                      |              |     |
| DO NOT SCALE DRAWING                                                                                                                                                 |           |           | SCALE: 1:1 |                                      | SHEET 2 OF 3 |     |

MODEL: DR4100  
ASSEM: 100-070-107  
INPUT: 5-24 VDC 1.2 W MAX  
SERIAL NUMBER: 3XXXXXX  
BAR CODE: SEE NOTES.

MODEL: DR4100 P  
ASSY: 100-070-107 REV: B  
INPUT: 5-24 VDC 1.2 W MAX  
SER#: 3XXXXXX MMDDYYYY  


MANUFACTURE CODE: P  
REVISION: B  
DATE CODE: MMDDYYYY  
ADDITIONAL INFORMATION:  
SUITABLE FOR OUTDOOR USE.

SUITABLE FOR OUTDOOR USE

1. LABEL MATERIAL: DOC1058
2. LABEL INFORMATION:  
MODEL: DR4100  
MANUFACTURE CODE: P  
DITRON = D, PRIDE INDUSTRIES = P  
ASSEMBLY NUMBER: 100-070-107

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

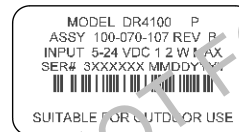
INPUT: 5-24 VDC 1.2 W MAX

SERIAL NUMBER: 3XXXXXX  
THE 7 DIGIT SERIAL NUMBER IS CREATED FROM THE BELOW  
RANGE IN SEQUENTIAL ORDER.  
STARTING SERIAL NUMBER: 3000000  
ENDING SERIAL NUMBER: 4999999

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: SUITABLE FOR OUTDOOR USE



FINISHED LABEL EXAMPLE  
SCALE: 1:1



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|                                                                                                               |            |           |      |                                      |          |              |
|---------------------------------------------------------------------------------------------------------------|------------|-----------|------|--------------------------------------|----------|--------------|
| UNLESS OTHERWISE SPECIFIED:                                                                                   |            | NAME      | DATE | Blackboard Inc.<br>Phoenix, Arizona  |          |              |
| DIMENSIONS ARE IN INCHES<br>DEBURR AND BREAK ALL SHARPS<br>TOLERANCES:<br>DECIMALS:<br>FRACTIONS:<br>ANGULAR: |            | DRAWN     | CNC  | TITLE:                               |          |              |
|                                                                                                               |            | CHECKED   |      | DR4100 FeliCa+Mag STRIPE DOOR READER |          |              |
|                                                                                                               |            | ENG APPR. |      | SIZE                                 | DWG. NO. | REV          |
| INTERPRET GEOMETRIC<br>TOLERANCING PER:                                                                       | ANSI Y14.5 | MFG APPR. |      | A                                    | DR4100   | C            |
| MATERIAL                                                                                                      | N/A        | Q.A.      |      |                                      |          |              |
| FINISH                                                                                                        | N/A        | COMMENTS: |      | SCALE: 3:1                           |          | SHEET 3 OF 3 |
| DO NOT SCALE DRAWING                                                                                          |            |           |      |                                      |          |              |