





59-4647-10TB

Conversion Box for InSight I to InSight II Scanners

Description

Fireye offers the 59-4647-10TB conversion box to be used for upgrading an InSight I scanner to the InSight II with minimal interruption. The 59-4647-10TB scanner is pre-wired with the 59-546 and 59-547 cables with female quick disconnects for use with the InSight II flame scanner. Also included is a 12 pin male connector for connecting the 59-497 cable from the InSight I scanner. The 59-547 cable is a twelve (12) conductor cable and the 59-546 is an eight (8) conductor cable.

See bulletin CU-113 for detailed scanner wiring connections.

| INSIGHT II | CABLE 59-547 | INSIGHT I |
|-------------------------|-----------------------|------------------------------|
| CONNECTIONS | | CONNECTIONS |
| BLUE/RED STRIPE | POWER (+) 24VDC | BLACK |
| BLACK/ORG STRIPE | POWER (-) 24VDC | WHITE |
| BLUE/BLACK STRIPE | REMOTE FILE SELECT 1 | BLUE |
| BLACK/YELLOW STRIPE | REMOTE FILE SELECT 2 | VELLOW |
| RED/WHITE STRIPE | 4-20ma OUT FR1 (+) | • 4 • VIOLET |
| YELLOW/BLACK STRIPE | 4-20ma OUT RTN (-) | 5 GREY |
| RED/BLACK STRIPE | 4-20ma OUT FR2 (+) | • 6 • GRET |
| ORANGE | FAULT (COM) | • 7 • RED |
| VIOLET | FAULT (NO) | ● 8 ● GREEN |
| BROWN/ ORANGE STRIPE | RS-485 COMM A | • 10 • RROWN |
| ORANGE/BLACK STRIPE | RS-485 COMM B | • 11 • ORANGE |
| BLACK | FR1 FLAME RELAY (COM) | • 12 • WHITE/BLACK |
| RED | FR1 FLAME RELAY (NO) | • 14 • WHITE/BENCK |
| TAN | FR1 FLAME RELAY (NC) | 9 15 9 |
| BROWN | FR2 FLAME RELAY (COM) | • 16 • |
| BLUE | FR2 FLAME RELAY (NC) | |
| YELLOW | FR2 FLAME RELAY (NO) | .0 |
| CABLE | 59-546 | • 19 • canners • 20 • fireye |



FIREYE [®]
3 Manchester Road
Derry, New Hampshire 03038 USA
www.fireye.com

133-730 MAY 6, 2013 Supersedes August 9, 2010