Connectivity Kit Conversion Chart

NOTE: Screw terminals that are directly opposite to one another are connected (ex. The terminals labeled "Yellow" and "RX DATA/RX-" are connected). You can use either side.
NOTE 2: Some wires on some sensors do not match the PCB labels exactly. In this case, an alternate designation will be in (parentheses). Please see the sensor manual for further details.
NOTE 3: Wires that are striped with two colors will be listed with a slash (Ex. Red/Blue). When two separate wires should be connect to the same terminal they will be listed with an "&" (Ex. Red & Blue)

Connectivity PCB	AR100 RS232	AR200 RS232	AR500/550 RS232	AR700 RS232	AR1000 RS232	AS2100 RS232	AR2500 RS232	AR2700 RS232	AR3000 RS232	Connectivity PCB	Pins on DB9
RX DATA/RX-	Yellow	Yellow	Yellow	Yellow	Yellow	Orange	Violet	Greay	Brown	RX DATA/RX-	3
TX DATA/TX-	Green	Green	Green	Green	Green	Gray/Pink	White	Green	White	TX DATA/TX-	2
RTS/TX+				Blue						RTS/TX+	7
CTS/RX+				Violet						CTS/RX+	8
ENABLE TRIGGER	White	White (Laser Disable)	White	White	Brown (TRIG)	White (DOE)		Violet	Green (TRIG)	ENABLE TRIGGER	
LIMIT 1	Pink (Logic)	Blue (Btn Disable)	Pink (Logic)	Pink	White (ALARM)	Pink (DO1)	Brown	Brown (Q1)	Red/Blue [or Orange]* (Q1)	LIMIT 1	
LIMIT 2				Gray		Gray (DO2)	Black	Black (Q2)	Violet (Q2)	LIMIT 2	
+15V	Red	Red	Red	Red	Orange	Red	Red	Red	Blue	+15V	
GROUND	Brown & Gray	Black	Brown & Gray	Black	Gray & Blue	Black	Blue & Red/Blue	Blue & Red/Blue	Black & Gray/Pink [or Tan]*	GROUND	5
SHIELD	Shield	Shield	Shield	Shield	Shield	Shield	Shield	Shield	Shield	SHIELD	
CL RET		Brown		Brown						CL RET	
CURRENT LOOP	Blue	Orange	Blue	Orange	Red	Brown	Gray/Pink	Gray/Pink	Yellow (QA)	CURRENT LOOP	

NOT USED IN KIT			Pink (n.c.)	Black (n.c.)	Blue	Green	White		Grey (n.c.)		
				Violet (n.c.)	Green	Pink	Pink		Pink (n.c.)		
					Violet	Yellow	Yellow		Red (n.c.)		
					Yellow	Gray					

The AR3000 cables can come with two different wire color sets. The wire colors and pin locations are the same except Tan replaces Gray/Pink and Orange replaces Red/Blue.