

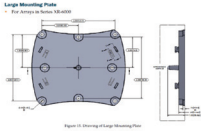









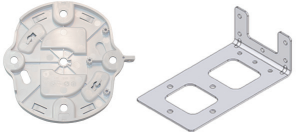


Accessories Guide

ACCESSORIES SHIPPED IN THE BOX







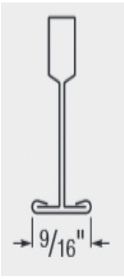


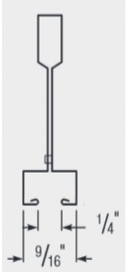


Access Point Models	Mounting Brackets With Lock Arm (All models)	Mounting Brackets With Lock Arm (XR-2000 and XR-4000)	Mounting Brackets With Lock Arm (XR-6000 and XR-7000)	Mounting Bracket With Lock Arm (XA4)	Documentation (Read Me First)	Twist Clip (15/16" with 1/2" stud for non-recessed ceiling only)	Hex Nut (1/4-20 Serr Flange, ZPS)
							
XR-600					1		
X2-120	1				1	2	2
XD2-240	1				1	2	2
XD4-130/XD4-240	1				1	4	4
XA4-240*				1	1		
XR-2000		1			1	4	4
XR-4000		1			1	4	4

XIRRUS ACCESS POINT MOUNTING GUIDE

Access Point Models	J-Box	Wall Mounting Using Key Holes	Vertical Wall Mount Short Bracket	Vertical Wall Mount Long Bracket
				
XR-600	XE-MOUNT + XE-500-JBOX	Built-in feature	XE-500-WALL	XE-MOUNT + XE-4010-WALL
X2-120	XE-500-JBOX	Built-in feature	XE-500-WALL	XE-4010-WALL
XD2-240	XE-500-JBOX	Built-in feature	XE-500-WALL	XE-4010-WALL
XD4-130/XD4-240	Not Available	Built-in feature	NA	XE-4010-WALL
XA4-240	Not Available	NA	NA	NA
XR-2000	Not Available	NA	NA	XE-4010-WALL
XR-4000	Not Available	NA	NA	XE-4010-WALL

* include PoE Dongle in the box

SUSPENSION GRID MOUNTING OPTIONS

Access Point Models	15/16" Suspension Grid		9/16" Suspension Grid		9/16" Slotted Suspension Grid
	<p>CEILING TYPE</p>  <p>T-Bar Bracket¹ (with spacers)  +  15/16" Twist Clips, 1/2" Stud²  <i>included in all APs except XR500/600</i> 15/16" Twist Clips, 5/8" Stud³ (with spacer)  + </p>		<p>CEILING TYPE</p>  <p>9/16" Twist Clips with 5/8" stud³ (with spacer)  + </p>		<p>CEILING TYPE</p>  <p>T Bolt slot with 5/8" stud³ (with spacer)  + </p>
	Non-Recessed	Recessed	Non-Recessed	Recessed	Non-Recessed or Recessed
XR-600	XE--MOUNT	XE--MOUNT	XE-MOUNT + XE-THINCLIP-KIT	XE-MOUNT + XE-THINCLIP-KIT-01	XE-MOUNT + XE-TBOLT-KIT-01
X2-120	AP package includes (2) 15/16" Twist clips with 1/2" stud. Order XE-CLIP-KIT for replacement	Order XE-CLIP-KIT-01 which has 15/16" twist clips and 5/8" studs	Order XE-THINCLIP-KIT which includes 1/2" bolts	Order XE-THINCLIP-KIT-01 which includes 5/8" bolts	Order XE-TBOLT-KIT-01
XD2-240	AP package includes (2) 15/16" Twist clips with 1/2" stud. Order XE-CLIP-KIT for replacement	Order XE-CLIP-KIT-01 which has 15/16" twist clips and 5/8" studs	Order XE-THINCLIP-KIT which includes 1/2" bolts	Order XE-THINCLIP-KIT-01 which includes 5/8" bolts	Order XE-TBOLT-KIT-01
XD4-130/XD4-240	AP package includes (2) 15/16" Twist clips with 1/2" stud. Order XE-CLIP-KIT for replacement	Order XE-CLIP-KIT-01 which has 15/16" twist clips and 5/8" studs	Order XE-THINCLIP-KIT which includes 1/2" bolts	Order XE-THINCLIP-KIT-01 which includes 5/8" bolts	Order XE-TBOLT-KIT-01
XR-2000	AP package includes (2) 15/16" Twist clips with 1/2" stud. Order XE-CLIP-KIT for replacement	Order XE-CLIP-KIT-01 which has 15/16" twist clips and 5/8" studs	Order XE-THINCLIP-KIT which includes 1/2" bolts	Order XE-THINCLIP-KIT-01 which includes 5/8" bolts	Order XE-TBOLT-KIT-01
XR-4000	AP package includes (2) 15/16" Twist clips with 1/2" stud. Order XE-CLIP-KIT for replacement	Order XE-CLIP-KIT-01 which has 15/16" twist clips and 5/8" studs	Order XE-THINCLIP-KIT which includes 1/2" bolts	Order XE-THINCLIP-KIT-01 which includes 5/8" bolts	Order XE-TBOLT-KIT-01

¹ For additional TBAR brackets order XE-TBARX

² Twist clips 1/2" stud only works for non-recessed ceilings. Twist clips with 5/8" studs works for recessed and non recessed ceilings

³ All clips with 5/8" stud MUST be installed with the rubber spacers

ENCLOSURES AND SNAP-ONS

Access Point Models	Stadium Under the Seat	Stadium Under the Concrete with Reflector	Snap-On Cover	T-Bar Enclosure	I-Beam	Gym — Wall	GYM — I-Beam	Factory — I-Beam ²	Outdoor ³
XR-600	XE-STADIUM-OMNI	XE-600-STADIUM-FOCUSED	XE-500-SNAPON	XE-MOUNT + XE-6000-TBAR	XE-500-WALL + XE-4000-TBAR	XE-MOUNT + XE-4000-WALL-GYM	XE-MOUNT + XE-4000-IBEAM-GYM	XE-MOUNT+ XE-6000-IBEAM-MFG	XE-MOUNT + XE-4000-OUTDOOR
X2-120	XE-STADIUM-OMNI	XE-STADIUM-FOCUSED	XE-D2-SNAPON	XE-6000-TBAR	XE-4000-IBEAM	XE-4000-WALL-GYM	XE-4000-IBEAM-GYM	XE-6000-IBEAM-MFG	XE-4000-OUTDOOR
XD2-240	XE-STADIUM-OMNI	XE-STADIUM-FOCUSED	XE-D2-SNAPON	XE-6000-TBAR	XE-4000-IBEAM	XE-4000-WALL-GYM	XE-4000-IBEAM-GYM	XE-6000-IBEAM-MFG	XE-4000-OUTDOOR
XD4-130/ XD4-240	NA	NA	XE-D4-SNAPON	XE-6000-TBAR	XE-4000-IBEAM	XE-4000-WALL-GYM	XE-4000-IBEAM-GYM	XE-6000-IBEAM-MFG	XE-4000-OUTDOOR
XR-2000	NA	NA	XE-2000-SNAPON	XE-6000-TBAR	XE-4000-IBEAM	XE-4000-WALL-GYM	XE-4000-IBEAM-GYM	XE-6000-IBEAM-MFG	XE-4000-OUTDOOR
XR-4000	NA	NA	XE-4000-SNAPON	XE-6000-TBAR	XE-4000-IBEAM	XE-4000-WALL-GYM	XE-4000-IBEAM-GYM	XE-6000-IBEAM-MFG	XE-4000-OUTDOOR

² Order one power injector 75W or higher to power each enclosure

³ Order one 95W power injector (XE-4000-OUTDOOR) or 75W or higher (XE-4000-POE) to power each enclosure; order one of the mounting kits from the table below with each enclosure

MOUNTING KITS FOR XE-XXXX-OUTDOOR

Model Number	Description	Enclosure Versions
XE-6000-OUT-MNT-POLE	Pole mounting kit	XE-4000-OUTDOOR and XE-6000-OUTDOOR
XE-6000-OUT-MNT-CEIL	Ceiling mounting kit	XE-4000-OUTDOOR and XE-6000-OUTDOOR
XE-6000-OUT-MNT-WALL	Wall mounting kit	XE-4000-OUTDOOR and XE-6000-OUTDOOR

Injectors

	Access Point Models	Generic PoE Switch (802.3af)	Generic PoE+ Switch (802.3at)	Xirrus XT-5024/48 Switches	XP1-MSI-20	XP1-MSI-30	XP1-MSI-33	XP1-MSI-75		XP1-MSI-75M	XP2-MSI-95M	XP8-MSI-70	XP8-MSI-70M
								Manuf. Before Dec. 2009 with label POE-75U-1UP-R	Manuf. After Dec. 2009 with label POE-75U-1UP-X				
	XR-320 ¹	■	■	■		■			■	■	■		■
	XH2-120		■	■		■			■	■	■		■
	X2-120	■	■	■	■	■			■	■	■		■
600	XR-630		■	■		■			■	■	■		■
	XD2-240		■	■		■			■	■	■		■
XD4	XD4-130		■	■		■			■	■	■		■
	XD4-240								■ ³	■ ³	■ ³	■ ³	■ ³
	XA4-240								■ ³	■ ³	■ ³	■ ³	■ ³
2000	XR-2436-WAVE2								■	■	■	■	■
4000	XR-4836-WAVE2							■	■	■	■ (1 port)	■	■

¹ The XR320 can be powered by an external 48VDC power supply that meets these specifications.

³ Dongle PN310-1002-001 must be installed in-line with Power/Data cable to insure that legacy injectors will provide full power. Please refer to the quick install guide for more details.

Injectors (con't.)

Important - You must allow for loss of 4.4W between AP and switch or injector output. Cat 5e or Cat 6 cable is required; total run must be under 100m. For more details on the installation recommendation and options, please refer to the installation manual.

Output Power	+48VDC
Nominal Load Current	0.63A
Ripple and Noise	At 20Mhz, and output parallel with 0.1uF & 10uF capacitors to ground. Temperature at 25°C, At nominal input voltage
Connector	Jack Plug 55 * 2.5 * 11.5mm
Polarity	<p>positive polarity</p>



Reference XR-320 External Power Supply: Mean Well GS36U48-P1J

World Headquarters
 Riverbed Xirrus
 680 Folsom St., 6th Floor
 San Francisco, CA USA
 Tel: +1 (877) 483-7233

Sunnyvale Office
 Riverbed Xirrus
 525 Almanor Ave., 5th Floor
 Sunnyvale, CA 94107 USA
 Tel: +1 (408) 664-3000

EMEA Office
 Riverbed Xirrus
 One Thames Valley House
 Wokingham Road, Level 2, Suite 250
 Bracknell, RG42 1NG UK
 Tel: +44 1344 401900