# IS-48 Indoor/Outdoor Radio Shrouds
# Concealment and Protection for DAS and RRH Equipment





Charles IS-48 security shrouds provide an aesthetic and effective method of protecting in-building wireless, DAS, and small cell radio equipment in venue installations. There are models that can be used to cover existing equipment on a wall or backboard and enclosed models with integrated backboards for new installations. They feature a slanted top to prevent placing unwanted objects. The units come with a variety of knockouts and openings for easy cable ingress and egress. Integrated bonding and grounding is included. Optional AC load centers and integrated fiber terminals are available. Some models are configured with brackets to mount common remote radio heads.

## Use Cases
• Stadiums and arenas
• Theatres
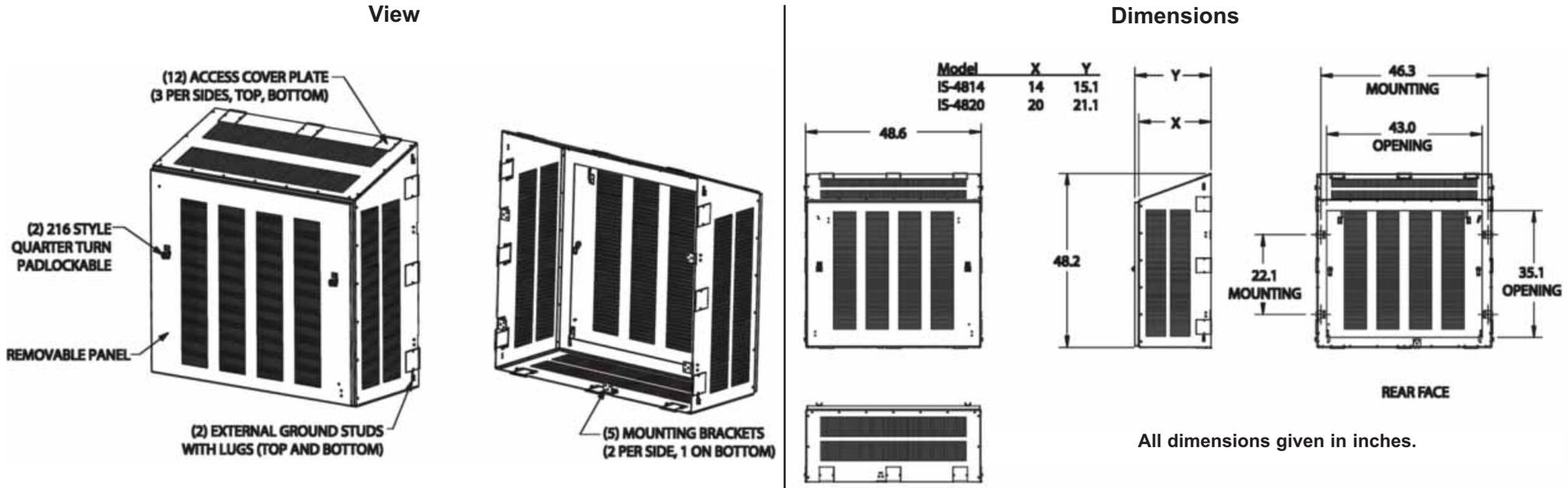• Parking garages
• Airports
• Premises telecom rooms

MADE IN THE USA



## Specifications

| | |
|---|---|
| Wall footprint | 48" x 48" (units can be joined to cover 96" space) |
| Depth Options | 14 inch or 20 inch |
| Material | 0.125 welded Aluminum |
| Colors | Powder coated Off-white, Gray or Black |
| Ambient temp range | -40° to +115° F/-40° to +46° C |
| Operating temp range (inside enclosure). | -40° to +149° F/-40° to +65° C |
| Bonding and grounding | (2) 2x8 position ground bars; (4) pairs of external ground studs |
| Cable entries. | Varies by model |

For additional product information, please visit **www.charlesindustries.com.**

OG-OSP057-B21R

# IS-48 Concealment Shroud Covers

IS-48 "0" series is an aesthetic shroud cover which conceals and protects equipment that is already installed and mounted on a wall. The shrouds cover a commonly used 48 x 48 inch footprint. The shrouds have 3 pass-through knockouts on each end so units can be joined to conceal and protect a larger backboard up to 96 inches. IS-48 units are available in depths of 14 or 20 inches and in a number of colors.

| ORDERING NUMBER | WALL FOOTPRINT | DEPTH | MOUNTING | COLOR | APPROX. WEIGHT | SHIP QTY. PER PALLET | CONFIGURATION* |
|---|---|---|---|---|---|---|---|
| IS-4814481A0GNN | 48" x 48" | 14" | Wall | Off-white | 59 lb. | 2 | Empty shroud cover |
| IS-4814481D0GNN | 48" x 48" | 14" | Wall | Gray | 59 lb. | 2 | Empty shroud cover |
| IS-4820481A0GNN | 48" x 48" | 20" | Wall | Off-white | 67 lb. | 2 | Empty shroud cover |
| IS-4820481D0GNN | 48" x 48" | 20" | Wall | Gray | 67 lb. | 2 | Empty shroud cover |

* For customized sizes or configurations, please consult your Charles salesperson for further details or call (847) 806-6300.

## View



(12) ACCESS COVER PLATE (3 PER SIDES, TOP, BOTTOM)

(2) 216 STYLE QUARTER TURN PADLOCKABLE

REMOVABLE PANEL

(2) EXTERNAL GROUND STUDS WITH LUGS (TOP AND BOTTOM)

(5) MOUNTING BRACKETS (2 PER SIDE, 1 ON BOTTOM)

## Dimensions



| Model | X | Y |
|---|---|---|
| IS-4814 | 14 | 15.1 |
| IS-4820 | 20 | 21.1 |

48.6

48.2

46.3 MOUNTING

43.0 OPENING

22.1 MOUNTING

35.1 OPENING

REAR FACE

All dimensions given in inches.

For additional product information, please visit **www.charlesindustries.com.**

OG-OSP057-B21R

# IS-48 Concealment Shroud Enclosures

IS-48 units are available as aesthetic shroud enclosures to install, conceal, and protect in building wireless radio equipment. These shrouds have a wall mounted footprint of 48 x 48 inches and come in depths of 14 or 20 inches. A number of power options and fiber terminals can be factory installed. Bracketry to mount common remote radio heads is also available. Please contact Charles with your specific requirements.

| ORDERING NUMBER | WALL FOOTPRINT | DEPTH | MOUNTING | COLOR | APPROX. WEIGHT | SHIP QTY. PER PALLET | CONFIGURATION* |
|---|---|---|---|---|---|---|---|
| IS-4814481ANGNN | 48" x 48" | 14" | Wall | Off-white | 100 lb. | 2 | Empty Enclosure |
| IS-4814481D2GFN | 48" x 48" | 14" | Wall | Gray | 127 lb. | 2 | CFTT fiber terminal, Raycap AC disconnect, brackets for ERIC 4449 and ERIC 8843 |
| IS-4814481F2GFN | 48" x 48" | 14" | Wall | Black | 127 lb. | 2 | CFTT fiber terminal, Raycap AC disconnect, brackets for ERIC 4449 and ERIC 8843 |
| IS-4820481ANGNN | 48" x 48" | 20" | Wall | Off-white | 110 lb. | 2 | Empty enclosure |
| IS-4820481DNGNN | 48" x 48" | 20" | Wall | Gray | 110 lb. | 2 | Empty enclosure |

* For customized sizes, configurations and other colors, please consult your Charles salesperson for further details or call (847) 806-6300.

## View (IS-4820481XNGNN)



(2) 3X3 ROXTEC PORTS

(2) QTR TURN 216 STYLE PADLOCKABLE LATCHES

EXTERNAL GROUND STUDS (BOTH SIDES)

REMOVABLE COVER PANEL

(2) 2X8 POSITION GROUND BARS

## Dimensions (IS-4820481XNGNN)



48.37
21.08
47.78
44.42
14.50
14.50
15.01 (TYP)
3.75
14.42 (TYP)
Ø4.00 KNOCKOUTS (3 PER SIDE)
(12) Ø1.75/2.50 KNOCKOUTS
3.00 (TYP)
(12) Ø0.41 MOUNTING HOLES
12.84
4.50 (TYP)
1.75

**All dimensions given in inches.**

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*INNOVATIVE ENCLOSED SOLUTIONS*™

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**Charles**
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