

Chapter 4 External Photographs

Overview

This section contains external photographs of the R3 Indoor Unit and the R3 WCS Outdoor Unit.

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4.1 Photographs of the R3 Indoor Unit

The front face of the R3 Indoor Unit has an HB plastic decorative cover with a power LED inset as shown in [Figure 4.1](#). The enclosure is a sheet metal formed rectangular box measuring approximately 16 3/4"x12 1/2"x3 1/2".

Figure 4.1 Front of the R3 Indoor Unit



Figure 4.2 shows the R3 Indoor Unit, which identifies both front and side ventilation.

Figure 4.2 Right-side view of the R3 Indoor Unit



Figure 4.3 is a close-up view of the R3 Indoor Unit left side, which details the unit's ventilation characteristics.

Figure 4.3 Side View of the R3 Indoor Unit

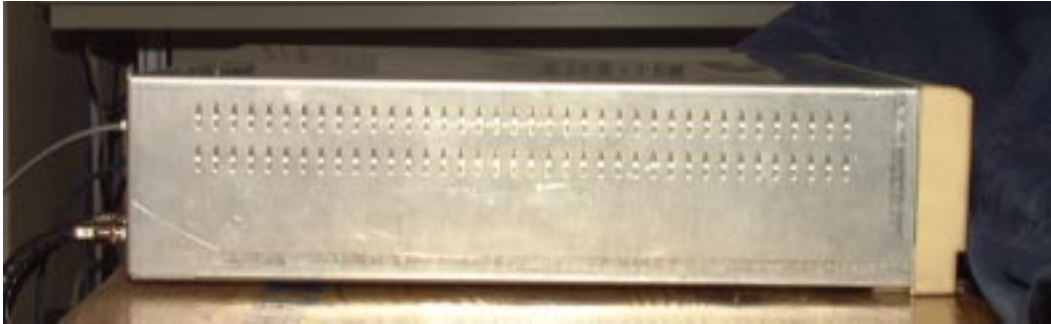


Figure 4.4 shows the back-side of the R3 Indoor Unit. From left to right, the connections are as follows:

- Power cable, standard 120 VAC input
- Telco cabling, voice lines 1 and 2
- Telco cabling, voice lines 3 and 4 (expansion card used only when ordered by the customer)
- RG-6 coaxial RF interconnection to R3 WCS Outdoor Unit

Figure 4.4 identifies the worst-case cabling configuration.

Note: Figure 4.4 also shows the UL/FCC label location.

Figure 4.4 Rear view of the R3 Indoor Unit



Figure 4.5 depicts the gas tube surge protector manufactured by NEXTEC. This protects the R3 Indoor Unit from indirect surges and transients that may flow on the coax to the R3 Indoor Unit. The coax provides DC voltage to the R3 WCS Outdoor Unit, along with Ethernet connection.

Figure 4.5 R3 WCS Surge Protector



4.2 Photographs of the R3 WCS Outdoor Unit

The front face of the R3 WCS Outdoor Unit has an HB plastic radome which connects to a metallic back frame. The radome shown in [Figure 4.6](#), covers the antenna and measures approximately 12 inches by 14 inches.

Figure 4.6 Front View of the R3 WCS Outdoor Unit Antenna



Figure 4.7 shows the R3 WCS Outdoor Unit back view which identifies the RG-6 coaxial cable connections. The RG-6 coaxial connections provide the Ethernet connection and DC power to the R3 WCS Outdoor Unit from the R3 Indoor Unit.

Figure 4.7 Rear View of the R3 WCS Outdoor Unit



Figure 4.8 shows the R3 WCS Outdoor Unit side view with the typical metallic mounting bracket.

Figure 4.8 Side View of the Outdoor Unit with Mounting Bracket



