



Professional grade modem for professional broadcast applications.

Comrex IP Audio and Video codecs provide superior encoding technology in a compact and easy-to-use form factor. Combined with a wired or wireless IP data connection, Comrex helps tens of thousands of radio and television stations around the world broadcast live content every single day.

Cellular wireless data connections like 3G and 4G LTE have redefined the way remote broadcasts are done. In particular, USB cellular modems make connecting to these networks fast and simple. But the number of USB cellular data devices offered by cell phone providers is dramatically decreasing in favor of cellular Wi-Fi Hotspots. Additionally, many of the off-the-shelf modems offered by carriers are not designed to meet the rigorous demands of the 24/7 news cycle.

With this in mind, Comrex has developed our Connect Modems for LiveShot Portable, ACCESS NX Portable, and ACCESS 2USB Portable – Pro-grade, high performance cellular data modems. To ensure that Comrex customers experience the highest degree of broadcast reliable data transmission, each device comes in a ruggedized, industrial case with a carrier-certified, high gain antenna (2.1 dBi) and sturdy, customized mounting hardware for either the LiveShot Portable IP Video codec or the ACCESS NX or 2USB Portable IP Audio codec.

LiveShot Connect includes custom mounting hardware that easily connects into the LiveShot Portable’s 4-pin female XLR connector. LiveShot Connect will fit into LiveShot Rain cover sleeves for extra security and protection from the elements.

ACCESS Connect is designed to be mounted on the back of the ACCESS Portable (NX or 2USB) with an integrated mounting plate/tabletop stand and connects with the supplied custom USB cable.

Comrex Connect Modems

Power Output	2.5 watts
Connectors	USB 2.0 (power/data), SMA Female (antenna)
Operating Temperature	-40 to +85°C
Size	4.33" x .79" x 1.57" (11cm x 2cm x 4cm)

High Performance LTE Antenna

Frequency Range	698-960/1710-2170/2500-2700
Gain	2 dBi (omnidirectional)
Impedance	50 Ohm
Polarization	Linear Vertical
Size	9.4" x 7.72" (23.8 mm x 196 mm)

Comrex Connect modems are unlocked, carrier approved, and PTCRB certified.

Connect modems are available for Verizon, AT&T, International (for use outside of the United States), and CJ (for use in China, Japan, Taiwan, Korea, and Brazil).

Modems are available for LiveShot, ACCESS 2USB, and ACCESS NX.

Please note: CJ is not available for LiveShot.

See chart on the following page.

Leverage the power of two Comrex Connect Modems for twice the reliability.

LiveShot: Using Two Modems



Order two LiveShot Connect Modems. Choose carrier(s).

ACCESS 2USB: Using Two Modems



For the first modem, order ACCESS Connect Modem with carrier of choice.

For the second modem, order ACCESS Connect Modem EXT which includes one modem and an extended bracket. Choose carrier.

ACCESS NX: Using Two Modems

Order two modems with choice carrier(s) and request a dual pouch. If only using one modem, request a single pouch.

Carrier	Compatible with
Verizon	Band 13 (700 MHz) and Band 4 (Advanced Wireless Service (AWS)-XLTE) No 3G support offered Only supports 4G LTE Uses full-size SIM card - smaller sizes can be accommodated with included SIM adapters
AT&T	4G - Band 17 (700MHz) Band 5 (850 MHz) Band 4 (AWS) Band 2 (1900 MHz) 3G - Band 5 (850 MHz) Band 2 (1900 MHz) Uses full size SIM card - smaller sizes can be accommodated with included SIM adapters
International	4G - Band 41 (TDD) (2500 MHz) Band 30 (2300MHz) Band 29 (700 MHz) Band 26 (850 MHz) Band 25 (1900MHz) Band 20 (800MHz) Band 13 (700MHz(c)) Band 12 (700MHz(a)) Band 8 (900 MHz) Band 7 (2600 MHz) Band 5 (850 MHz) Band 4 (2100/1700MHz) Band 3 (1800 MHz) Band 2 (1900 MHz) Band 1 (2100 MHz) 3G - Band 8 (900 MHz) Band 5 (850 MHz) Band 4 (2100/1700MHz) Band 3 (1800 MHz) Band 2 (1900 MHz) Band 1 (2100 MHz) Uses full-size and micro SIM cards. Modem includes adapter to accommodate nano SIM cards.
CJ (Certified for use in China, Japan, Taiwan, Korea and Brazil)	4G LTE FDD Bands: 1 (1900 MHz), 3 (1800 MHz), 5 (850MHz), 7 (2600MHz), 8 (900MHz), 18 (800 MHz), 19 (800 MHz), 21 (1500MHz), 28 (700 MHz) 4G LTE TDD Bands: 38 (2600 MHz), 39 (TD-SCDMA 1900 MHz), 40 (2300 MHz), 41 (2500 MHz) 3G DC-HSPA+, HSPA+, HSPA and UMTS Bands: 1 (2100 MHz), 5 (850 MHz), 6 (800 MHz), 8 (900 MHz), 9 (1700 MHz), 19 (800 MHz) Uses full-size and micro SIM cards. Modem includes adapter to accommodate nano SIM cards.