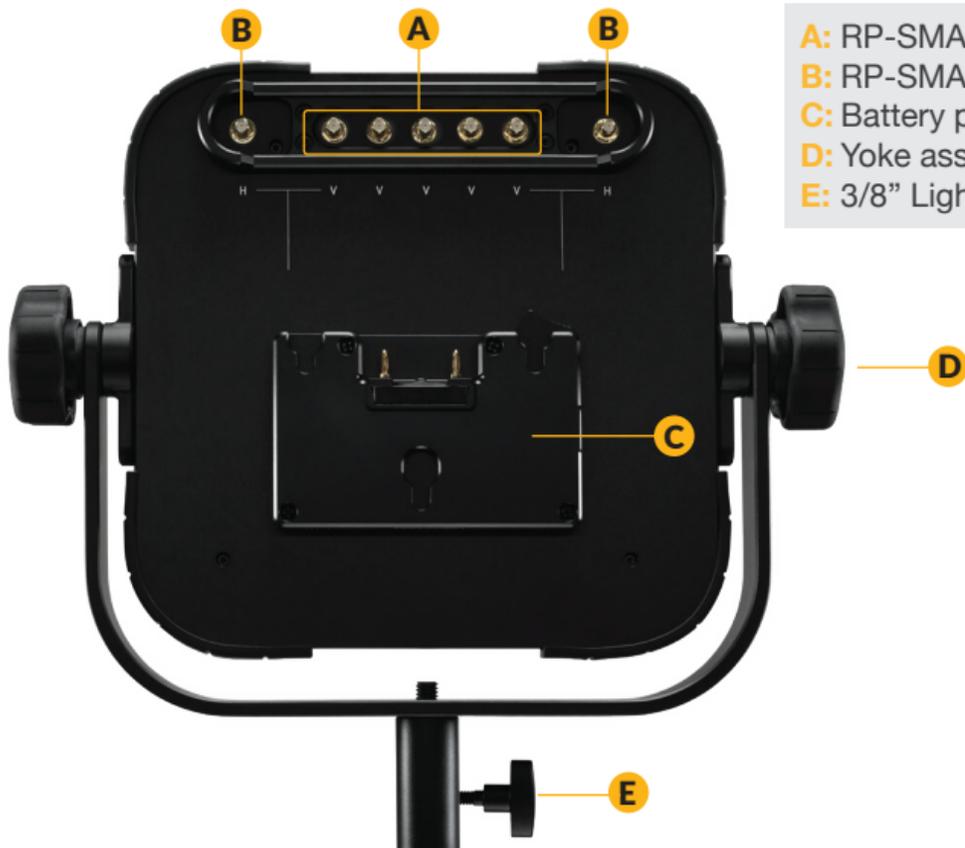


BOLT4K

ARRAY ANTENNA
Quick Start Guide

PHYSICAL PROPERTIES



- A:** RP-SMA connectors (vertical)
- B:** RP-SMA connectors (horizontal)
- C:** Battery plate
- D:** Yoke assembly
- E:** 3/8" Light stand adapter

TABLE OF CONTENTS

Power and Connect	2
Antenna Receive Pattern	3
Mounting	4

POWER AND CONNECT

- 1 Connect the output from your video source to either the SDI or HDMI input on the transmitter.
- 2 Attach antennas to the transmitter.
- 3 Mount the receiver to the back of the Array Antenna.
- 4 Connect the five RP-SMA connectors on the receiver to the center connectors labeled “V” on the Array Antenna using the included RP-SMA extension cables. **NOTE: Connectors labeled “H” are reserved for transmitters using horizontal antennas, which will be available in the future.**



Vertical placement

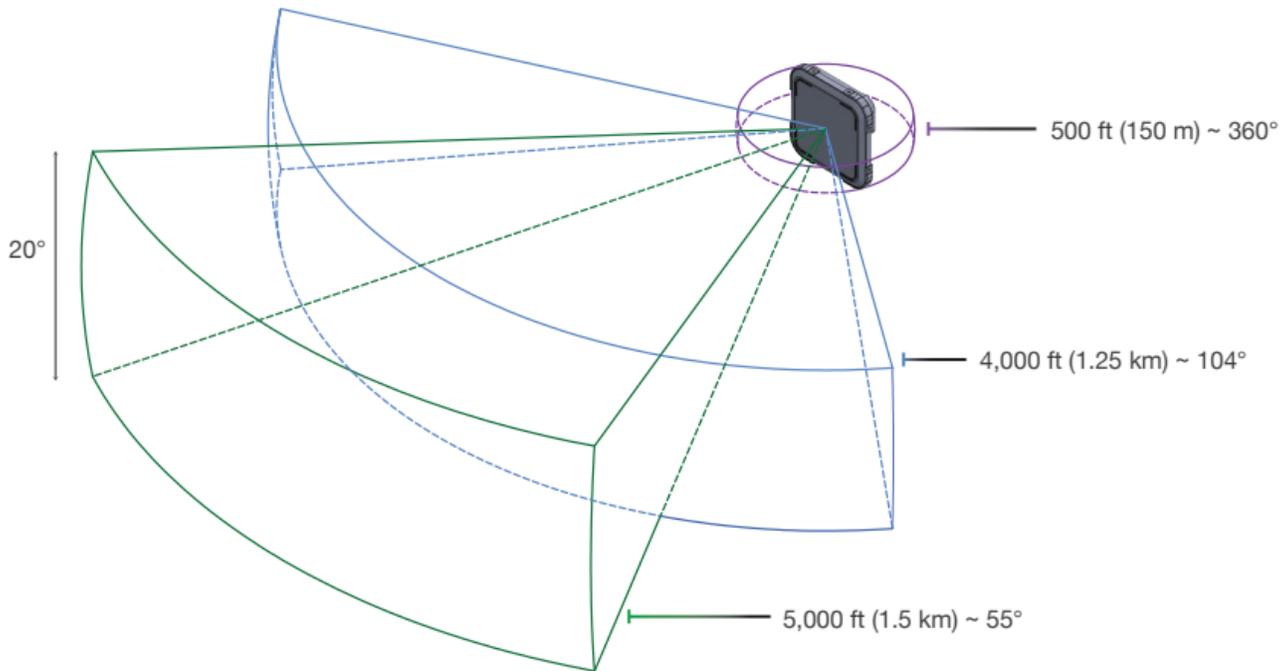


Horizontal placement

- 5 Connect power to both the transmitter and receiver with the included A/C adapter or optional battery plate accessory. If using a battery plate, connect a compatible (AB Gold mount or V-Lock) battery.
- 6 Move the power switches on both the transmitter and receiver (A) to the ON position. Video appears within a few seconds.

ANTENNA RECEIVE PATTERN

The Array Antenna has a built-in directional antenna with a receive pattern that varies based on its distance from the transmitter. The horizontal receive angle measures 55° at 5,000 ft (1.5 km), 104° at 4,000 ft (1.25 km), and is effectively omni directional at up to 500 ft (150 m). The vertical receive angle measures 20° at any distance.



MOUNTING

- The Array Antenna has three 3/8" threaded holes: One on the bottom for mounting the included light stand adapter or any 3/8" mounting accessory, and one on each side to mount to a yoke mount bracket assembly.
- Mount the Array Antenna vertically, keeping it clear of any obstructions.
- Orient the transmitter and receiver so they are parallel to each other.
- For best results, orient the Array Antenna so the front (with the Teradek logo) has a clear line-of-sight to the transmitter.

CAUTION: DO NOT OVERTIGHTEN SCREWS INSERTED INTO THE RECEIVER'S 3/8" THREADED HOLES. Doing so can damage the receiver's chassis, voiding the warranty.

Teradek regularly releases new firmware versions to improve performance, add new features, or to fix vulnerabilities. Visit teradek.com to update your device with the latest firmware.

NEED MORE HELP?

SUPPORT: <http://support.teradek.com> → Contains tips, information and all the latest firmware & software updates.

TERADEK SUPPORT STAFF: support@teradek.com or call 888-941-2111 ext. 2 (Mon-Fri 6am to 6pm PST)





© 2019 Teradek, LLC. All rights reserved.