

## Technical Specifications - Teradek Ace 500 RX

### Video -

#### Video Outputs

- 1 x HDMI Type-A receptacle

#### Color Sampling

- HDMI: RGB 4:4:4, 8-bit

#### Delay Tx To Rx

- <0.001sec (without format conversion)

### Supported Resolutions -

#### Supported Resolutions

- 1080p 23.98/24/25/29.97/30/50/59.94/60
- 1080psf 23.98/24/25/29.97/30
- 1080i 50/59.94/60
- 720p 50/59.94/60
- 480p 59.94/576p 50 (via HDMI ports only)
- 480i (NTSC)/576i (PAL)

### Video Processing -

#### Video Compression

- visually lossless

#### Test Pattern Generator Support

- Yes

#### Video Format Conversion Support

- None

#### Color Correction

- None

### Audio Processing -

#### Audio Format

- 48kHz 24-bit PCM

### Inputs -

#### Audio Input

- Embedded Audio Input

### Physical -

#### Dimensions

- 3.4 x 4.5 x 0.6" (8.6 x 11.5 x 1.5 cm)

#### Weight

- 5.2 oz (146 g)

#### Construction

- Aluminum and ABS plastic

#### Mountability

- 1/4"-20 mounting threads
- 2x 4-40 mounting holes

### Interfaces -

#### Configuration Interfaces

- OSD that appears on the Video Output which can be controlled with the Menu Joystick

#### Switches

- Reset Button

#### Desktop App

- Feature-rich Bolt Manager Application for OSX & Windows

#### Usb Interface Functionality

- Upgrade via Mini-USB

## **Network -**

### **Antennas**

- Internal Antennas

### **Wireless**

- Non-DFS Frequencies:
  - US: 5.19 ~ 5.23 GHz and 5.755 ~ 5.795 GHz
  - EU & JP: 5.19 ~ 5.23 GHz
- DFS Frequencies:
  - US: 5.27 ~ 5.55 GHz and 5.67 GHz
  - EU & JP: 5.27 ~ 5.67 GHz

### **Channel Bandwidth**

- 12x 40MHz wide channels

### **Rf Channel Selection**

- Auto only (NOT configurable)

### **Encryption**

- AES-128

### **Rf Power**

- up to 17dBm

### **Range**

- Up to 500ft line of sight

### **Unicast Multicast**

- Unicast / Multicast

### **Noise Rejection**

- Can coexist with WiFi and 5GHz cordless phones

## **Power -**

### **Power Input**

- Barrel Connector 7-17 VDC

### **Power Output**

- None

### **Nominal Power Consumption**

- 7.3 Watts (Measured at 1080p60)

## **Environmental -**

### **Operating Temperature**

- 0 ~ 40 deg-C