

# Geochron Digital 4k UHD v2.0

## Specification Sheet



### Configuration Options

- Base Maps, Mercator Projection
  - Geopolitical – Human datapoints
  - Geopolitical – Oceanic datapoints
  - Topographical
  - Ham/Amateur Radio
  - Mixed/Combination Mapset
  - Low Resolution Mapset (1080 HD)
- 12 or 24 Hour Time Scale
- Layers
  - Live Sunrise-Sunset Event Horizon
    - Actual Line
    - Twilight Fade
  - Earth at Night Lights
  - Major Ocean Shipping routes
  - Major Air routes
  - CO Pollution color gradient
  - Rotating Demonstration Mode
- Live Layers
- Weather with color scale gradient
  - Temperature
  - Wind Speed
  - Precipitation
  - Air Pressure
  - Cloud Cover
- Satellite Tracking
  - Amateur Radio
  - NOAA and Military
  - Last 30 Days' Launches
  - Iridium, and 12 other categories
  - International Space Station (ISS)
  - Hubble Space Telescope (HST)
- User Location Pins with local time, maximum 16.

- Time Indicators
  - Live Analemma
  - International Date Line
  - Month : Day
  - Hour : Minutes : Seconds
  - Graphical time band
- Active Map Features
  - 365 Day Insolation Pattern Video
  - Tutorial Videos (embedded)
  - Future Insolation Patterns, by date.

### Hardware

- Processor
  - Intel Atom
- Graphics
  - Intel HD 400
  - Up to 4K UHD, auto scaling
- Memory
  - 2GB, RAM
  - 32GB, on board
- Connectivity
  - WIFI 802.11 a/b/g/n, 2.4G
  - Ethernet: 1000Mbps LAN
  - Bluetooth: 4.0
- Ports
  - USB X 3
  - HDMI X 1
  - AUDIO MINI X 1
  - LAN X 1
  - SD CARD X 1
- Power Adapter
  - DC 12V 1.5A
  - USA Plug standard, UK Plug optional
  - Source: 100-240V, 50/60hz
- OS: Linux based
- Work Environment: 5-35 Celsius

### Accessories

- Remote Control
  - 2.4 Ghz
  - Operation distance: <10m
  - AAA Batteries, included
  - USB Dongle attachment
- 6' / 2m HDMI cable

### Warranty – 1 Year

Covers: Defects in materials or workmanship to the original owner, when purchased from an authorized

dealer of Geochron products and packaged with the warranty statement. The term of the warranty is 1 year.

Does not cover: The TV / Monitor / Display to which the Geochron Digital is attached, nor do we provide technical support for monitors of any kind. We will replace your Geochron Digital with a device of original function, or better.

For more information, visit [www.geochron.com/4k](http://www.geochron.com/4k)

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