

# DEFINING RUGGED

EXCEPTIONAL ENGINEERING | ROCK SOLID | EXTENSIVE TESTING



## MAG™ DOCKING STATION: FOR PANASONIC TOUGHBOOK 30/31 WITH INTERNAL POWER SUPPLY

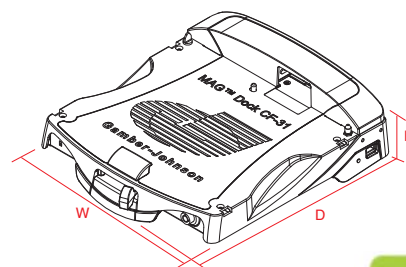
Item No.	Antenna Pass-Through	Locking Type	Weight
7160-0318-12	Dual RF (TNC)	<b>Automatic Lock</b> - automatically locks when the computer is docked. The lock must be unlocked with key to release the handle and undock the computer. Lock is keyed alike..	5.8 lbs

### Features:

- Magnesium Alloy body design allows for improved docking station design and mounting system/computer performance.
- Design is protected by US Patent Number D616,890
- Sleek, lightweight, yet very rugged for long-term durability
- Gamber-Johnson's docking station has passed the appropriate tests to qualify for the Toughbook Certified status\*
- 120W LIND internal power supply has passed the appropriate tests to qualify for the Toughbook Certified status\*
- Designed using MIL-STD-810G test procedures and complies with FCC Class A standards
- Design works with Toughbook 30 and 31 computers
- Internal circuit board protects against dirt and dust
- Simple, one-handed, front-facing docking mechanism:
  - Pull front handle to the left to dock
  - Unlock the key button to release and undock computer
- Brass locating pins for precise computer placement
- Floating docking connector for reliable docking connection
- Interlocking mechanism protects against connector damage & prevents engagement until properly mounted
- Forward facing ports for low mounting capability, minimal cable strain and minimal swivel resistance
- Side LED indicator light can be used to troubleshoot in the field:
  - Green: All ports are ready to use
  - Orange: USB and LAN ports not functioning or external power is not connected
  - Red: PC is not supported or connection is not made
  - Red (Blinking): Error has occurred in firmware, contact Panasonic Technical Support
  - Not Lit: PC not installed or PC is Off, Standby or Hibernation
- USB 2.0 compliant
- 3 year limited warranty (printed circuit board, docking connector)
- Limited lifetime warranty on all non-electronic components (sheet metal)
- Optional 4 and 5 year extended warranty available
- Can be used with most **Motion Attachments**
- **Dimensions: 3.85" H x 12.40" W x 13.93" D**

**Note:** Panasonic recommends that the CF30/31 computers **should not** be "hot docked" into any docking station.

\*The internal power supply docking station is not a Toughbook Certified product



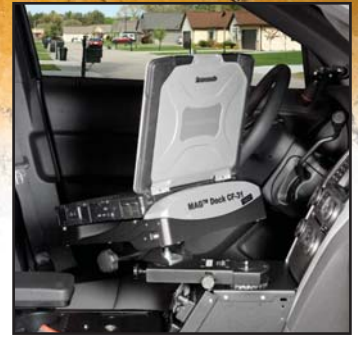
3001 Borham Ave. | Stevens Point, WI 54481, USA  
 Phone: 715.344-3482 | Toll-free: 800.487-9220 | Fax: 715.344-5209  
 Email: [gamberj@gamberjohnson.com](mailto:gamberj@gamberjohnson.com) | Website: [www.gamberjohnson.com](http://www.gamberjohnson.com)

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### Port Replicator

- |                             |                   |
|-----------------------------|-------------------|
| • Serial (2)                | D-sub 9 pin       |
| • Dual Antenna Pass-Through | TNC               |
| • Ethernet (2)              |                   |
| • USB Ethernet              | RJ45              |
| • True Ethernet*            | RJ45              |
| • USB (5)                   | 4 pin             |
| • External video            | D-sub 15 pin      |
| • Headphones/speakers       | Stereo phono jack |
| • Microphone                | Mono phono jack   |

**\* Note:** The True Ethernet will not work with a Toughbook 30 computer

### 120W Internal Lind Power Supply

- Operating Temperature: -20°C to 50°C (-4° F to 122° F)
- Non-operating (storage) Temperature: -40°C to 85°C (-40° F to 185° F)
- Power Output to Computer from Dock = 120 watts (max)
- Input Voltage: 12V DC min to 32V DC max systems
- Output Voltage: 15.6V DC-16V No Load, 14.5V-15.5V Full Load
- Under Voltage Protection: 9.5V min to 10.5V max DC
- Over Voltage Protection: 33V min to 34V max DC
- Output Voltage Protection: 17V min to 18V max DC
- Automatic Temperature Reset
- Reverse Polarity Protection
- Auto Shutdown Circuit
- Output Current Limit
- Load Dump
- Input Fused

