



Integrated Radio Mount for Panasonic CF-U1 rugged tablet PC



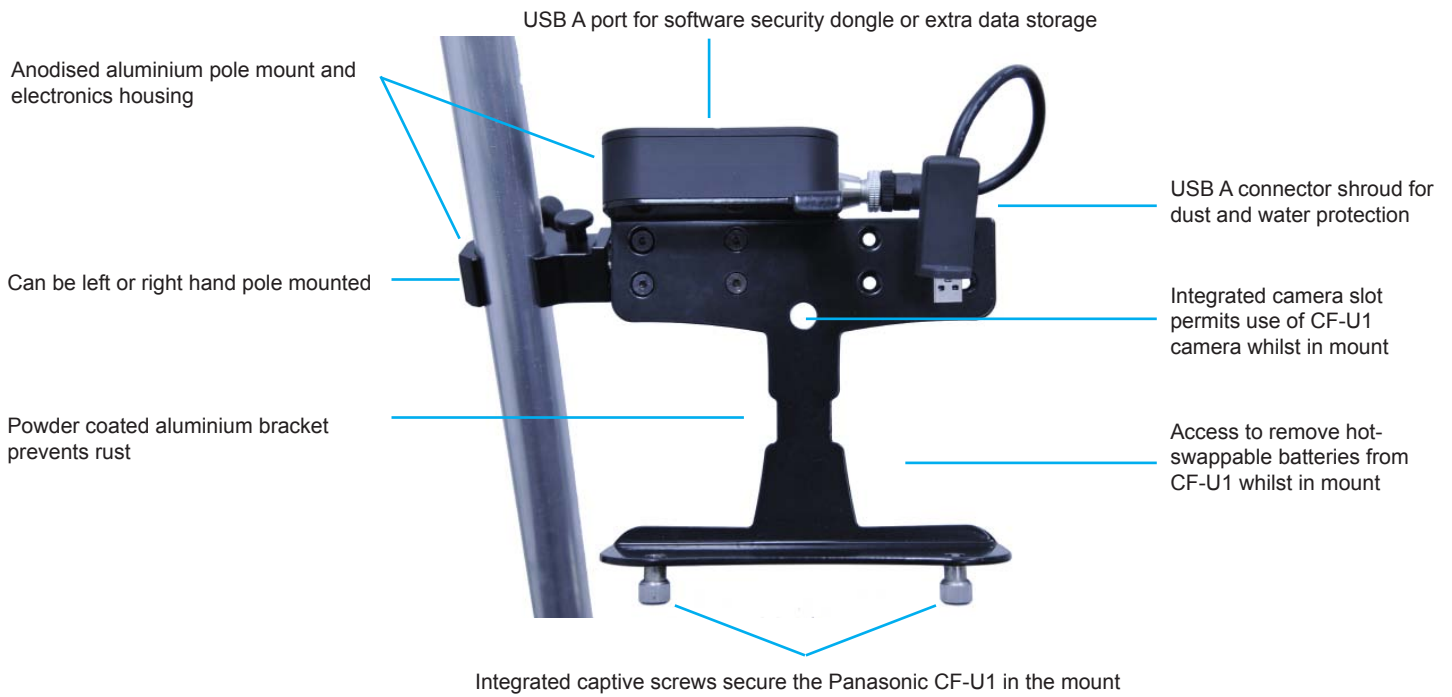
- Communications link between Leica Viva/1200 Radio and Panasonic CF-U1
- Sturdy, powder-coated aluminium mounting bracket (no rust)
- Left or right handed mounting

The Integrated Radio Mount (IRM) combines the proven Pacific Data Systems Wireless Survey Data Link (WSDL) technology with a robust bracket for securely mounting the Panasonic CF-U1® UMPC to a survey pole.

The integrated design features a USB A Port on the top of the mount (*see photo below*) where the security dongle is housed. A shrouded connector provides the link between the CF-U1 and the dongle and offers protection against dust and water.

The open sided design provides clear access to all ports on the CF-U1® so that you can access the hot-swappable batteries, USB and SD card ports without the need to remove the Panasonic CFU1 from the bracket. There is also a hole in the back of the mount to allow the use of the Panasonic CF-U1® camera if this upgrade is fitted.





Technical Specifications

Antenna

Frequency bandwidth	2.4 - 2.5 GHz
Antenna type	Sleeve Dipole
Antenna form factor	0° to 90° Locking Swivel
Gain	2dBi
V.S.W.R	<1.9:1
Nominal impedance	50 Ohms
Radiation pattern	Omni-Directional
Polarisation	Vertical
Length	154.7 mm
Connector	TNC Male
Temperature range	-30°C to +60°C

WSDL Module

	Leica Viva	Leica 1200
Radio frequency	2400 to 2483 MHz	2401 to 2495 MHz
Radio certification	FCC Part 15.247 ETSI 300.328 rules, license free	FCC Part 15.247 brETSI 300.328 rules, license free
Operating range	Indoor: 150 m to 300 m Outdoor: 1000 m w/ dipole antenna	150 m to 300 m 1000 m w/ dipole antenna
Network topology	Star Network	Star Network
Network protocol	Dynamically assigned TDMA	Dynamically assigned TDMA
Error detection & correction	24 bit CRC and ARQ	24 bit CRC and ARQ
Serial data	RS232	RS232
IO data rate	Up to 230.4 Kbps software selectable	Up to 230.4 Kbps software selectable
Channel data rate	460 Kbps	460 Kbps
Number of frequency ch	75	95 US
Current consumption	10mA	10mA
Operating temperature	-40° to +70°	-20° to +70°
Humidity	20% - 90% (Non condensing)	20% - 90% (Non condensing)
Enclosure material	Aluminium enclosure	Aluminium enclosure
Data connector	USB A	USB A