

# ICE Mobile Vehicle Unit

**Model Number: ICEMVU-01[18 Mb] or ICEMVU-02 [54 Mb]**



## PACKAGE CONTENTS:

- One MeshMAX 3500WM Unit or One MeshMAX 3500W Unit (Defined by order)
- One vehicle mounting bracket
- One Power-Over-Ethernet injector and power cord
- One DC to AC power converter
- One Ethernet cable weather-proof plug
- One Cable termination kit
- One Installation CD-ROM with Software and Documentation
- One Power Boosted Omni Ant. at 2.4 GHz
- One Powered Boosted Omni Ant. at 5.2 GHz

<b>OPERATING</b>	-33° to 60°C				
	100% relative humidity (non-condensing)				
	Wind loading: 125mph				
<b>MTBF</b>	100,000 Hours				
<b>RF MODULATION AND WIRELESS PROTOCOLS AND OVER THE AIR DATA RATES</b>	OFDM (Orthogonal Frequency Division Multiplexing)				
	802.16d for WiMAX backhaul				
	802.11a, 802.11b and 802.11g for Wi-Fi Access				
	Mesh Creation Protocol (OMCP) for mesh backhaul extension				
	<b>Rate</b>	<b>5GHz</b>	<b>2.4GHz</b>	<b>3.5 GHz</b>	
				<b>3.5MHz</b>	<b>7MHz</b>
	BPSK	6 & 9 Mbps	6 & 9 Mbps	1.4 Mbps	2.8 Mbps
QPSK	12 & 18 Mbps	12 & 18 Mbps	2.8 & 4.2 Mbps	6.6 & 8.5 Mbps	
16-QAM	24 & 36 Mbps	24 & 36 Mbps	5.6 & 8.5 Mbps	11.3 & 16.9 Mbps	
64-QAM	48 & 54 Mbps	48 & 54 Mbps	11.3 & 12.7 Mbps	22.6 & 25.4 Mbps	