

MobileMark
antenna solutions



Antenna Solutions for
Commercial WiFi, Mobile Hotspots,
Real-time Video, Streaming Data

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From WLAN in warehouses to WiFi Hotspots in coffee houses to real-time video feeds from police vehicles, the nature of Commercial WiFi has changed over the years. At Mobile Mark, we understand that different antennas are needed to satisfy these evolving networks.

With a full range of site, mobile and device antennas, Mobile Mark antenna solutions support all WiFi networks, whether they are 2.4 GHz only, 5 GHz only or dual-band 2.4 & 5 GHz. Our MIMO (multiple-input-multiple-output) antennas support the newest WiFi systems, 802.11n and 802.11ac, whether they require two, three or six inputs.

For wireless applications that combine WiFi with other wireless technologies such as GPS, Cellular, UHF or DSRC, our multiband antennas can simplify installations.

WiFi Hotspot Networks

WiFi Hotspot deployments may benefit from supplemental antennas to extend coverage area beyond the range provided by the default access point antennas. Solutions may include outdoor WiFi site antennas for campus-wide deployments or a network of ceiling-mount and wall-mount antennas for In-building WiFi deployments. Specialized antennas, such as narrow-beamwidth antennas, may be required for targeted coverage.



Trucks, Vans and Public Transit

Fleet Management encompasses a wide umbrella from Long Distance Haulers, to Local Service Vans, to Police and Emergency vehicles, to Public Transit Buses. Increasingly, WiFi is playing an important part in Fleet Managements solutions. WiFi connections are used to offload data at a transport terminal or used to connect with stations along a route. WiFi Hotspots are even being installed for passenger use in buses and trains.



Custom-designed Embedded Solutions

Some WiFi connections are made in limited space or in unusual settings. When this is the case, Mobile Mark can help with off-the-shelf or custom designed embedded antennas. These antenna solutions could include the antenna board itself, an over-molded radome for the antenna board, or a custom-shaped radome. Our engineers can provide solutions for smart meters, digital signage, ATMs and vending machines.

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www.MobileMark.com for our full product line.



Industrial & Commercial Networks

Unlicensed WiFi networks are often selected for industrial applications such as asset management in warehouses or vehicle safety programs in mining. WiFi is also a common choice for remote monitoring, security and surveillance. Mobile Mark offers vibration resistant omni-directional antennas as well as our low-profile corner reflector antennas, which are designed for rugged environments where dependable, continuous coverage is needed.



Public Safety & Government

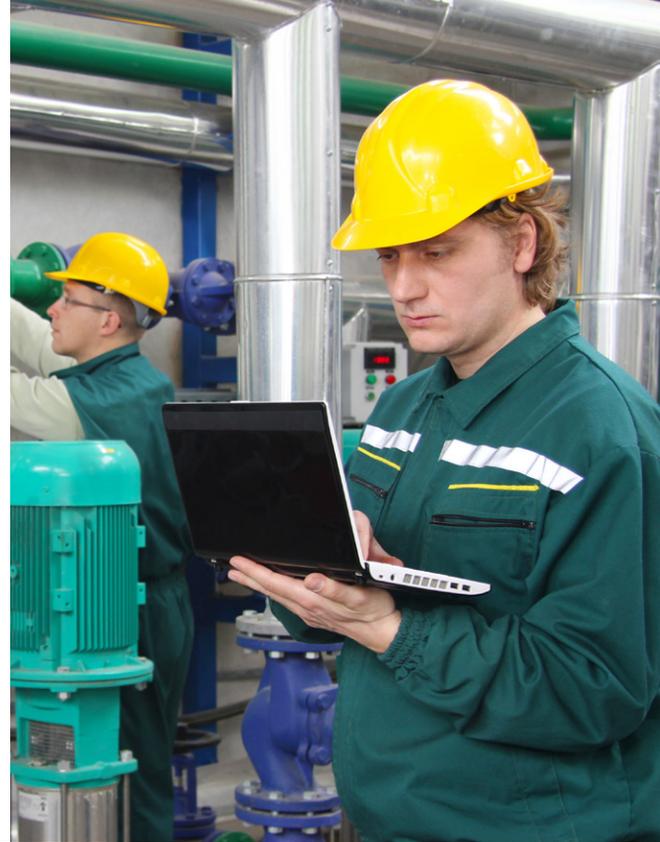
WiFi coverage is playing an increasingly important role in Public Safety, from reliable connectivity in Government buildings, to quick deployment of military networks, to fixed site remote monitoring. New applications are emerging, such as WiFi Hotspots on police vehicles that connect to video cameras worn on uniforms. Streaming video is transmitted from officer.



Mobile Mark antennas cover many commercially available wireless networks (Cellular, LTE, ISM, WiFi, GPS, RFID, and VHF/UHF) as well as specialized networks. Installers will like the fact our antennas are easy to install and service free.

If you need something special, Mobile Mark has the facilities and the experience to take a project from initial conception through to final production. Our team of design engineers have years of experience and a proven track record for developing innovative, high quality antennas.

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WIFI HOTSPOT NETWORKS	INDUSTRIAL & COMMERCIAL NETWORKS	TRUCKS, VANS AND PUBLIC TRANSIT	PUBLIC SAFETY & GOVERNMENT	CUSTOM-DESIGNED SOLUTIONS
<p>Device Antennas Straight or Right-angle Extended range for access points 2.4 & 5 GHz</p> 	<p>OD Omni-directional Rugged, foam filled optional WiFi 2.4 GHz, 3-12 dBi gain</p> 	<p>SMW Series, Surface Mount 3-cable, multiple combinations GPS, WiFi & Cellular Mag-mount option</p> 	<p>RM Series Surface Mount Rugged construction, Broadband 1.7-6.0 GHz, 3 & 5 dBi gain</p> 	 <p>EM Series Embedded Printed circuit board WiFi 2.4 & 5 GHz, 2 dBi gain</p>
<p>YAG Series Directional Antennas Outdoors or In-building WiFi, 2.4 & 5 GHz 8-12 dBi gain</p> 	<p>PS Series Directional WiFi MIMO Sector: 45°, 60°, 90°, 120° 2.4 & 5 GHz 10-14 dBi gain</p> 	<p>LTM601 Series 3xWiFi, 2xCellular LTE, 1xGPS Six cables, Surface mount Additional combinations available</p> 	<p>ECO Series Omni-directional Recessed N plug, N female, Pigtail 2.4-6.0 GHz 5-12 dBi gain</p> 	<p>CVS Series Encased Custom enclosures, hard-sided WiFi 2.4 & 5 GHz, 2 dBi gain</p> 
<p>PND10-W MIMO Panel Six connections, 6x MIMO Wall or pole mount WiFi 2.4 & 5 GHz, 8 & 10 dBi gain</p> 	<p>SCR Corner Reflectors Low profile, wide beam-width Models: 2.3-6.0 GHz 9-12 dBi gain</p> 	<p>WiFi MIMO Ceiling Mount Multiple-input-multiple-output In-bus streaming WiFi 2.4 & 5 GHz, 4 dBi gain</p> 	<p>SMD Surface & MSMD Mag-mount Mobile hotspot or officer-to-vehicle streaming data 2 or 3-cable MIMO</p> 	<p>DM Series WiFi only or combined GPS & WiFi Low-profile, impact resistant</p> 