



### Your Surveillance Video Can Look This Good!

## Qorvus MeshCam2™ Long-range Wireless Outdoor IP Camera System



MeshCam2™ rooftop installation  
Featuring **Mobotix** M12 camera



MeshCam™ (actual image)  
at Skamania County  
courthouse in Stevenson, WA



MeshCam2™ (actual image)  
being used for 24/7 remote  
surveillance of hi-value assets



MeshCam2™ GUI supports  
automatic detection of  
attached cameras for easy  
configuration and installation



The Qorvus **MeshCam2™** wireless IP (Internet Protocol) camera system utilizes 900 Mhz, 2.4 Ghz and 5.8 Ghz long-distance wireless mesh technology, enabling a robust and easy-to-install alternative to higher-priced and lower-performance hardwired or traditional short-range, low quality wireless cameras.

The **MeshCam2™** implementation of Qorvus embedded mesh software allows a rapid deployment of a wireless IP video network throughout a large industrial or commercial site. This can be achieved **without long runs of buried cable**, or using expensive tower-based wireless point-to-multipoint methods.

A **wireless range of 10 miles or more** is achievable with appropriate external antennas and elevation.

These remarkable camera systems can be deployed with only minimal site preparation, little or no intermediate gateway and routing hardware and engineering, and no internet backhaul provisioning except at a single point. Using the same technology as the well-regarded **Qorvus QnodeJr™** wireless mesh access points allows for greatly reduced site and system engineering, easy scalability, and inherently hack-resistant, secure, updatable, manageable, and fault-tolerant operation.

**MeshCam2™** is compatible with all major NVR software packages including **Luxriot, IPvision, Go1984**, etc.

#### Major features of this design include:

- Integrated camera and associated electronics in weatherproof enclosure
- Patent-pending **RadioCache™** technology retains your video even during temporary communications outages (4<sup>th</sup> qtr 2007).
- Rugged cold-rolled steel mounting brackets
- Faraday-cage RF shielding with weather-resistant gaskets designed to meet stringent FCC Class A and European CE regulations for emissions and susceptibility
- Versatile weather-resistant outdoor antenna and mounting options
- Use in dedicated mode or as part of a larger mesh system
- 2 YEAR WARRANTY on camera, 1 year warranty on mesh radio and housing
- Built with proven components:
  - Supports most-wanted features:

**QnodeJr** linux router w/  
128 meg dram  
128 meg flash

**Atheros** or Prism radios  
Single or dual N-bulkhead

**Mobotix** hi-res cameras  
Custom builds with client-  
specified logos, lenses, IR  
lighting RFID, or low-light  
cameras available at addl.  
cost.

48-volt Power-over-  
Ethernet operation

Automatic detection & configuration  
Excellent low-light performance  
Adjustable resolution up to 1200 x 1024  
Adjustable frame-rates up to the  
available bandwidth or 30 fps  
2048-bit node-to-node security  
Built-in bandwidth-shaping  
AODV and WDS based mesh routing  
Adjustable RF output, 1 Mw up to 700  
Mw (with SR9 radios)  
Centrally manageable using standard  
web-based tools, server, or SNMP  
interface  
Local and remote VPN monitoring via LAN  
or internet

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