

Your Wireless Surveillance Can Look This Good!™

Qorvus MeshCam™ Long-range Wireless Outdoor IP Camera System



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



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



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



The Qorvus **MeshCam™** wireless IP (Internet Protocol) camera system utilizes rugged and easy-to-install 900 Mhz, 2.4 Ghz and 5.8 Ghz long-distance wireless mesh technology combined with astonishing 3 megapixel image quality, giving you a dramatic improvement over higher-priced and lower-performance wired or traditional short-range, lower quality wireless CCTV cameras.

The **MeshCam™** implementation of Qorvus embedded mesh software allows you to rapidly deploy a heavy-duty wireless IP video network throughout a large industrial or commercial site. You can do this **without burying long runs of cable**, or using expensive tower-based wireless point-to-multipoint methods.

Using **MeshCam™** wireless technology, you can achieve a **wireless range of 20 miles or more** with appropriate external antennas and elevation.

This remarkable camera system 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.

MeshCam™ is compatible with all major NVR software packages including **Luxriot, IPvision, Go1984, ViewScan™, MXControlCenter™** 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 up to 24 hours (4th 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 LIMITED WARRANTY on camera, 1 year limited warranty on mesh radio and housing
- Built with proven components:

QnodeJr linux router w/
128 meg dram
256 meg flash
FCC certified radios
Dual or Quad N-bulkhead
Mobotix™ 3-megapixel sensor
hi-res cameras (.05 lux)
Custom firmware builds with
client-specified functionality,
logos, lenses, IR lighting, RFID,
or ultra low-light cameras
available at addl. cost.
48-volt Power-over-Ethernet
operation at 8 watts

Supports most-wanted features:
Automatic detection & configuration
Excellent low-light performance (.05 lux)
Adjustable resolution up to 1200 x 1024
Adjustable frame-rates up to the available
bandwidth or 30 fps
Hi-resolution web-based streaming video
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
Centrally manageable using standard web-
based tools, server, or SNMP interface
Local & remote VPN monitoring via LAN or
internet



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

Sold through VARs
and qualified
professional installers
only.

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