

# Qorvus Cellcam™

EXCEPTIONAL IMAGE QUALITY AND PERFORMANCE

Qorvus Cellcam is perfect for remote outdoor locations, construction projects, scientific studies. Rugged waterproof design rated from -22F to +140F.

## METHODS OF VIEWING SYSTEMS INCLUDE

- Live camera access from any internet connection worldwide (with authorized access)
- Playback of video stored on-board camera (up to 64GB flash memory)
- Playback of video stored on local network attached storage device (up to 4TB NAS)
- FTP images to server located off site for archival viewing

When powering video system with solar energy, we try to minimize the power requirements which reduces the size and expense of the solar plant required. Tactics include outfitting with our low power IP cameras (3 watts total) and/or using timers for projects that don't require 24/7/365 operation.

Fixed cameras range from 640x480 (.3 megapixel) up to 10 megapixel image size. Pan-tilt-zoom cameras range from 18x to 40x optical zoom with 10x optical zoom.

Cellcam systems are shipped fully tested on your cellular account, configured for your project. Just mount on a pole or wall. Systems are operational within minutes of powering up. Field engineering and installation services are available upon request.

## APPLICATIONS

Qorvus Cellcam is the solution for remote locations or temporary applications that lack typical communications infrastructure.

- Remote Facilities & Work Sites
- Law Enforcement, first responders (rapid deployment models)
- Construction Sites
- Scientific Studies
- Wildlife Studies
- Weather Observation
- Marketing (live images delivered to web site)

## CAMERA FEATURES

- No additional housings, fans, heaters or mounts to purchase
- No additional software required...all software included at n/c
- No moving parts to fail
- Built in Linux based PC
- Built in DVR
- Up to 64GB SD flash memory on board camera
- Record directly to NAS, RAID 0, 1, 5, 6, 10
- Image/event processing at camera level, very low network load
- Power Over Ethernet (POE)
- 2 way audio & VoIP telephony
- Telephone, email & text messaging upon alarm/event
- Superior German Optics, Engineering & Reliability
- Brilliant Image Quality

## CELL MODEM FEATURES

**Product Features:**  
Embedded Intelligence  
High-Speed Processor  
Machine Protocols  
Class I Div 2 Certified

**Product Benefits:**  
Persistent Network Connectivity  
High-Speed 2-Way Data  
Certified for Hazardous Environments  
Remote Management and Configuration



## TECHNICAL SPECIFICATIONS

### Technology

CDMA EV-DO Revision A  
With fallback to:  
CDMA 1x EV-DO Revision 0  
CDMA 1xRTT  
CDMA IS-95

### Bands

800 Mhz Cellular  
1900 Mhz PCS

### Environmental

Operating Temperature:  
-30 to 70° Celsius  
Storage Temperature:  
-40 to 85° Celsius

### Power Consumption (@12V DC)

Transmit/Receive (Typical/Max): 239/270 mA  
Idle: 104 mA  
Dormant: 85 mA  
Input Voltage 9 - 28V DC

### Standards/Approvals

FCC  
Industry Canada  
Class I Div 2  
Carrier specific approvals

### Host Interfaces

Ethernet: 10/100 Mbps RJ-45  
RS-232: DB9 DCE(1200 - 230400 baud)  
Antenna Connection:  
Primary - 50 Ohm SMA  
Receive Diversity - 50 Ohm SMA

### Application Interfaces

TCP/IP, UDP/IP, DHCP, HTTP, SNMP, SMTP,  
SMS, MSCI, Modbus, Binary and more



## CELLCAM OPTIONS & ACCESSORIES

### Popular options include:

- Fixed Megapixel Cameras
- Pan-Tilt-Zoom Cameras
- Wireless Networks
- Storage
- Solar Power
- Thermoelectric Generators (TEG)
- Batteries
- Lighting Systems
- Perimeter Protection Devices
- Amplifiers with Loudspeakers
- Monitoring Services

## 30% FEDERAL TAX CREDIT

Solar power plants for camera systems may be eligible for Renewable Energy Tax Credits from Federal, State and Local government agencies. Call for more information.



## ABOUT QORVUS

Qorvus Systems designs, manufactures and delivers advanced, fully pre-configured wireless IP video surveillance and CCTV solutions for use in your most challenging environments.

- **Industrial, Commercial and Governmental CCTV applications**
- **Port Safety and Security**
- **Gated Residential Communities and Condo Complexes**
- **Municipal Wireless Projects**

Our surveillance products and services are available only through qualified integrators and Value Added Resellers. With our pre-configured solutions, you can easily bring high-quality IP and megapixel CCTV surveillance, reliable wireless connectivity, and UL-listed remote video monitoring services directly to your clients, even if you have little or no previous wireless networking experience.

Because of our unique remote-access VPN tunneling technology, our technicians are available at any time during the installation process to help you adjust your camera focus, field-of-view, alarm zones, antenna alignment, NVR and router configuration. You are never alone.

Spec sheets and manuals for additional Qorvus products - including the Qnode™, Qlite™, TriCam™, MeshCam™, and Qscan™ - can be found at [www.qorvus.com](http://www.qorvus.com).

For additional information, please contact Tom Sharples, President at 800.757.1571 ex 100 or [sales@qorvus.com](mailto:sales@qorvus.com).

## CUSTOM DESIGNED SOLUTIONS

Do you have an application that requires a **custom built system**? We specialize in custom designed video solutions for challenging projects. **Give us a call at 800.757.1571 to discuss your project.**

**Qorvus' unique, state-of-the-art integrated and pre-configured solutions approach saves a great deal of valuable installer time, insures a high likelihood of success, and provides a close to painless approach to complex outdoor wireless networks.**

**Qorvus is totally committed to the success of your installations.**

## OUR SERVICES

Qorvus Systems will work with you from surveillance network concept to rollout, and anywhere in between.

Our services include:

- Consultancy on wired and wireless IP CCTV and connectivity technologies and engineering
- Complete turn-key equipment, software and network design, installation, and technical support
- Field-engineering and optimization of both new and existing networks
- Rollout strategies, product and company positioning
- Domestic and off-shore manufacturing, with established contacts in Silicon Valley, Mexico, Japan, Taiwan, Hong Kong, Canada and Germany

