

# CyberDome™

High-Speed Video Surveillance



**KALATEL**

## Around-the-clock surveillance

We had received a number of patron complaints about theft and vandalism in the south mall parking lot. It's not as brightly lit as the others. Seemed like the same guy. He always came after dark so our cameras couldn't get a good recorded image. Our CCTV dealer had originally recommended color video for daytime surveillance and black-and-white for nighttime use, but we couldn't afford both and didn't want to hassle with separate cameras. The new CyberDome Day-Nite gave us an immediate solution, offering around-the-clock surveillance with one camera. Within a week, we had footage that ID'd a well-known petty thief. The police caught him with stolen goods in his apartment.



**KALATEL**

Born to Build

# Integrated. Easy. Reliable. CyberDome™ lets you focus on what's out there.

CyberDome puts it all together to give you the best performance ever. A high-resolution, auto-focus camera. A pan-and-tilt assembly that allows 360° continuous panning. A built-in receiver. And a variety of housing options, ranging from a small, six-inch, flush-mount housing to a heavy-duty, tamper-resistant housing. Accessories to mount your CyberDome in a ceiling, on a wall or on a roof top make it flexible enough to meet any installation requirement.

CyberDome's reliable auto-focus camera, with its 16X or 18X optical zoom lens, ensures a consistently clear view. And a digital zoom up to 8X

provides total magnifications up to 128X.\*

Even at high magnifications, CyberDome makes it easy for you to track targets. Computer-controlled motors quietly move the camera at speeds of up to 400° per second and control pan and tilt movements to position the camera with laser-like accuracy.

CyberDome incorporates features that help you automate your work, like presets, camera tours and on-screen titles. And the Digiplex™ communication standard ensures that the CyberDome you install today will work with any additional Kalatel equipment you install in the future.

## CyberDome. Everything you need is already built in.

### Install cameras that don't announce their presence

CyberDome's computer-controlled motors move quickly and quietly, even at speeds up to 400° per second when moving between presets. Mounted in 6- or 8-inch diameter domes, they give you a discreet and low-profile installation.

### Zoom in on distant targets without compromising image clarity

CyberDome's 16X or 18X optical zoom lens, combined with its digital zoom, gives you powerful magnification while its precision stepper motors provide smooth motion at any speed. At the same time, proportional zoom control reduces pan speed as you zoom in, making it easier to track moving targets. And CyberDome's reliable auto focus ensures that you capture all the details.

### Identify locations quickly with preset and zone titles

You can define 64 preset positions for each CyberDome. The pan-and-tilt assembly moves the camera to each preset at a brisk 400° per second when you enter the preset number on the keypad. You can also define on-screen

titles for 16 presets so you'll know what you're looking at, even at night or in rain or snow. You can survey your entire site quickly and easily by moving between presets.

You can also program 16 zone titles for each CyberDome. As the camera's view moves into a zone, the monitor displays the zone's title automatically. In a department store application, you might create zone titles like "men's department," "women's shoes" and "home furnishings."



### Gold Standard

CyberDome's gold slip rings allow full 360° continuous rotation. They also give you the highest quality connection for power, video and data transmission, delivering trouble-free performance even in the most demanding applications.

### Easy upgrade path

All CyberDome microcontroller chips are socketed for easy removal and replacement. When new product features are added, your dealer doesn't have to ship the whole unit back, he just replaces the chips.

\*The CyberDome Day-Night incorporates an 18X optical zoom camera with up to 4X digital zoom, yielding a total magnification up to 72X.



### Automate your work with the new Shadow Tour™

All CyberDomes feature a two-minute Shadow Tour.™ This feature lets you program the CyberDome to follow a continuous memorized path, panning, tilting and zooming at any speed you want and pausing at selected targets along the way. You can also program three separate preset tours that move the camera from preset to preset automatically. You choose the speed at which the CyberDome moves between presets and the time it pauses at each.

### Innovative design makes installation and setup easy

The CyberDome is a technician's dream. The easy-to-install housing employs a quick-release pan-and-tilt mechanism. And simple video, power and twisted-pair data connections result in a quick, trouble-free installation. After the CyberDome is installed, you can easily set up presets, on-screen titles and camera tours with a Kalatel keypad.

### Choose a CyberDome that fits your needs

The CyberDome is available in a number of indoor and outdoor housings. With most models, you can order a clear, tinted or mirrored acrylic lower dome.

The **KTA-6CF** is a compact, 6-inch, flush-mount dome ideal for most indoor installations. Because it needs only 6.2 inches of clearance, you can install the KTA-6CF in almost any ceiling.

The **KTA-8CH** is an 8-inch, pendant-mount dome designed to thread easily on to a standard 1.25-inch NPT pipe. You can also mount the KTA-8CH on a wall with a wall mount bracket.

The **KTA-8CW** is an 8-inch, pendant-mount dome in a weatherproof housing. Its white UV-resistant finish and watertight seal protect the camera and pan-and-tilt mechanism from heat and moisture. For cold weather use, you can order the KTA-8CW with a 43 watt heater and fan. Mounting accessories include brackets for wall, pole, corner or roof mounts.

The **KTA-8CA** is a heavy-duty dome perfect for monitoring parking garages, correctional facilities and other areas prone to vandalism. Its rugged aluminum upper housing and reinforced swivel bracket help the KTA-8CA resist

### Plug and play

*CyberDome's quick-release pan-and-tilt unit and simple video, power and twisted-pair data connections make it easy to install or replace.*

abuse. The swivel bracket enables you to mount it on angled surfaces without shims or wedges. The dome is constructed of durable acrylic and attaches to the upper housing with a tamper-resistant lock and key. You can order the KTA-8CA with a clear or tinted dome.

Kalatel also manufactures a low-cost dome that looks like the CyberDome. Instead of a camera and pan-and-tilt assembly, this model includes a fixed camera bracket that enables you to add your own camera and lens.



## New CyberDome Day-Nite The first around-the-clock integrated solution

CyberDome Day-Nite is the type of innovation you'd expect from a technology leader like Kalatel. CyberDome Day-Nite is the first integrated pan/tilt/zoom dome system to incorporate a high-resolution camera that can switch automatically between color and monochrome modes. During the day it's a color camera with 3 lux sensitivity. At night, it's a 0.2 lux monochrome camera.

With CyberDome Day-Nite, you can build a day-and-night surveillance system with fewer domes. This reduces equipment, installation and maintenance expenses. It might even eliminate your need for additional lighting.

CyberDome Day-Nite's 18X auto focus camera even incorporates an electronic shutter speed control for temporary image enhancement. By reducing the camera's shutter speed from 60 cycles per second to 4, the electronic shutter control lets CyberDome Day-Nite take in 15

times more light, enabling you to get usable images in extremely low light conditions.



### A dimly lit parking lot

*Unaltered photograph of monitor displaying image from CyberDome Day-Nite in color mode.*



### The same lot a few seconds later

*Unaltered photograph of monitor displaying image from CyberDome Day-Nite in monochrome mode.*

## CyberDome Feature Highlights

- Discreet 6- and 8-inch diameter domes
- Integrated color or black-and-white camera
- 16X optical zoom lens with auto focus
- 2X to 8X programmable electronic zoom
- Proportional zoom control (optional)
- Variable 1°- to 80°-per-second pan-and-tilt speeds when controlled manually
- 400° per second pan-and-tilt speed when seeking a preset
- Backlight compensation
- 64 presets
- Three preset tours
- One two-minute Shadow Tour™
- Return-to-home function
- Quick Spin™ target tracking (optional)
- Programmable auto pan and tour speeds
- Quick-release pan and tilt mechanism
- 24VAC, 16W input power
- Twisted pair control

## Additional CyberDome Day-Nite Features

- Integrated color and monochrome Day-Nite camera
- 18X optical zoom lens with auto focus
- 2X to 4X programmable electronic zoom
- Electronic Shutter Control for temporary image enhancement

## The integrated dome system that comes with a company

“Customer focused.” ... “User friendly.” ... “Excellent people.” ... “A company that cares and will do anything to maintain a relationship.” ... “Kalatel stands behind its products.”

These aren't our words. An independent research firm asked Kalatel dealers and Kalatel users what they thought about our company and our products. These are the words of people who use Kalatel equipment.

When you telephone Kalatel, expect to talk to a real person who will put you in touch with the right Kalatel employee. Whether it's demonstrating our products, providing custom programming or coordinating an on-site visit from your Kalatel dealer, we'll be there.

And our technical staff works hand-in-hand with your security dealer to ensure your continued satisfaction.

## Call Kalatel today!

CyberDome is just one product in Kalatel's broad line of security surveillance equipment. Your dealer has information about Kalatel's matrix switchers, multiplexers, keypads, cameras and more. Call Kalatel at 800-343-3358 for the address and phone number of the Kalatel dealer nearest you.



- **Digiplex:** A family of security surveillance products that enable you to start small and expand your system to meet your growing needs.
- **Digiplex Remote:** A worldwide video surveillance system with an easy-to-use graphical interface.
- **MobileView II:** A mobile digital video recorder for transit and other mobile applications.

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