

ADEMCO Video's RapidDome Gold indoor domes are the premier choice for any application. RapidDome Gold's high-resolution, low light sensitivity and extended zoom capabilities can satisfy even the most extreme, complex viewing requirements.

RapidDome Gold is extremely flexible, offering three different imager/lens options. All feature frame integration modes that allow RapidDome Gold to deliver images at far lower light levels than conventional cameras. The color/mono changeover imager automatically removes its IR cut filter in extreme low light conditions, allowing outstanding performance in light levels as low as 0.01 lux.

RapidDome Gold features continuous autofocus and either a 144X zoom (18X optical, 8X digital) or an even more powerful 176X zoom (22X optical, 8X digital). Its intelligent zoom automatically adjusts pan and tilt speeds in proportion to zoom position. The dome provides 360° continuous pan rotation and manual variable speed control at 0.1-100°/second. And its attractive, compact design is low profile at only 5", making it the perfect choice for applications where aesthetics are critical and discreet surveillance is a must. RapidDome Gold also provides advanced features such as Privacy Zones that can mask sensitive areas of a scene from view, home position which automatically returns the dome to a preset tour after a specified period of inactivity. Mimic tours allow operations programmed at the keyboard to be memorized and recalled, allowing for unattended operation.

RapidDome Gold indoor domes are available in two standard assemblies; a false ceiling mount and a plug and play pendant. The false ceiling version provides quick and easy installation into any drop or false ceiling—no additional mounts or accessories are required. The standard pendant version provides the ultimate in flexibility. Its plug and play design and wide range of mounting accessories gives you the freedom to choose the perfect configuration for any installation.

For outdoor applications, choose RapidDome Gold Environmental domes, which are available in a wide range of versatile mounting configurations.

FEATURES:

The Premier High-Performance Color Dome for Indoor Installations

- Compact low profile design at only 5"
- High resolution, low-light DSP camera options
- Eight alarm inputs and two relay outputs resident in the dome
- Automatic digital backlight compensation
- 144X zoom (18X optical, 8X digital) or 176X zoom (22X optical, 8X digital)
- Continuous auto focus and auto iris with manual overrides
- 28 Privacy Zones
- Home Position
- Intelligent zoom
- Automatic 180° flip circuitry
- Sector Identification
- 128 presets, 4 preset tours, and 4 mimic tours
- Built-in intelligent receiver for up-the-coax (UTC) or RS485 twisted pair (TP) operation
- Built-in code translator provides compatibility with PELCO P or D based systems
- Automatic vertical sync-phase adjustment



RapidDome Gold

*Plug & Play Pendant Version
(shown with AD5PB80 mount)*



RapidDome Gold

False Ceiling Version

RapidDome Gold's powerful features and sleek, low profile design make it the ideal dome for any indoor surveillance application.

• **Easy installation and servicing:**

RapidDome Gold's pendant version features an innovative "plug and play" design that make installation and servicing quick and convenient.

• **High resolution, low-light cameras:**

RapidDome Gold's high resolution DSP cameras with low-light sensitivity (down to 0.01 lux) make them the ideal dome for any installation.

• **Continuous auto focus with manual override:**

No matter what the zoom position, RapidDome Gold's images remain in sharp focus. When the scene requires extra fine control, RapidDome Gold allows the operator to override the auto focus settings.

• **Intelligent zoom:**

RapidDome Gold automatically adjusts pan and tilt speeds in proportion to zoom position for greater control. The lens pauses at the end of its optical zoom, then enters digital zoom mode.

• **Continuous rotation, high-speed pan, tilt, and zoom systems:**

RapidDome Gold features 360° continuous rotation on gold slip rings. RapidDome Gold also features high-speed precision control with electronic braking for up to 400°/second operation down to 0.1°/second.

• **Home Position:**

This feature allows the dome to return to a preset or start a tour after it remains inactive for a specific, user definable period of time. This ensures that even when a dome is unattended, it can be viewing an important area.

• **180° flip ON/OFF:**

When this feature is ON, RapidDome Gold automatically turns 180° when reaching its lower tilt limit. This allows the operator to continuously track objects moving directly below the camera.

• **Preset positioning and tour capabilities:**

RapidDome Gold's presets can easily be set up and recalled by the operator when using ADEMCO Video RapidView systems. Four preset tours and four mimic tours may be programmed.

• **Privacy Zones:**

Twenty eight programmable privacy zones allows the camera to block private views from the monitor.

• **Sector Identification:**

RapidDome Gold supports up to 16 user definable sectors, each with a definable title of up to 10 characters.

• **Up-the-coax or RS485 twisted pair operation:**

Utilizing lift and gain circuitry, up-the-coax operation of up to 1,640 feet (500 meters) is possible with appropriate cable. RS485 twisted pair operation allows up to 32 RapidDome Gold domes to be daisy chained at a maximum of 5,000 feet (1,500 meters).

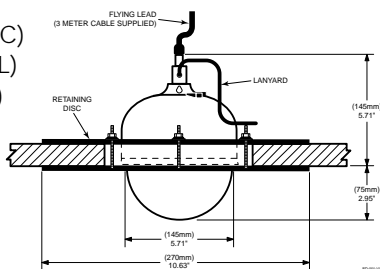
• **Automatic sync-phase adjustment:**

Using compatible RapidView Matrix Systems, the video signal can be synchronized with other system inputs with the touch of a button.

STANDARD DOME ASSEMBLIES

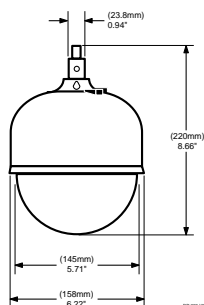
False Ceiling Versions

- AD5GCFC18 (NTSC)
- AD5GCFC18X (PAL)
- AD5GCMFC18 (NTSC)
- AD5GCMFC18X (PAL)
- AD5GCFC22 (NTSC)
- AD5GCFC22X (PAL)



Plug & Play Pendants

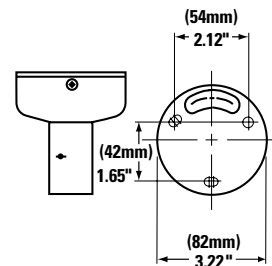
- AD5GCPP18 (NTSC)
- AD5GCPP18X (PAL)
- AD5GCMPP18 (NTSC)
- AD5GCMPP18X (PAL)
- AD5GCPP22 (NTSC)
- AD5GCPP22X (PAL)



MOUNTING ACCESSORIES

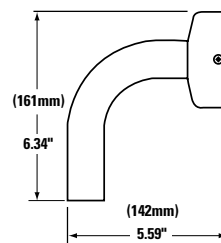
Plug & Play Extensions

- AD5PB80, 80mm (3")
- AD5PB300, 300mm (12")
- AD5PB600, 600mm (24")



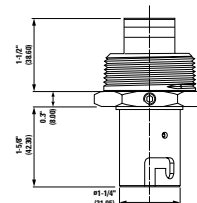
Plug & Play Wall Bracket (Gray)

ADWBG



Plug & Play 1-1/2 inch NPT Adapter

AD5PBNPT



RapidDome™ Gold

COMPATIBLE DEVICES

RapidDome Gold is compatible with the following RapidView Series Controllers and Matrix Switch/Control Systems:

ADEMCO Video RapidView™ Controllers

ADCT Variable speed, RS485 TP, 1 dome, touchstick
 ADCJ Variable speed, RS485 TP, 1 to 128 domes, joystick
 AKJX8 Dome/Multiplexer Controller, 1 to 128 domes, up to 8 multiplexers, joystick



ADEMCO Video RapidView Matrix Switch/Control Systems

(Keyboard required for the following units)

AS81 8 input x 1 output, RS485 TP and UTC control
 AS82 8 input x 2 output, RS485 TP and UTC control
 AS84TP 8 input x 4 output, RS485 TP control
 AS161 16 input x 1 output, RS485 TP and UTC control
 AS162 16 input x 2 output, RS485 TP and UTC control
 AS164TP 16 input x 4 output, RS485 TP control
 AS322 32 input x 2 output, RS485 TP and UTC control
 AS324TP 32 input x 4 output, RS485 TP control
 AS328TP 32 input x 8 output, RS485 TP control



ADEMCO Video RapidView Keyboards

AKJ8 Variable speed & zoom joystick
 AKT8 Variable speed touchstick



Code Distribution Unit

ADCD16TP 8 independent RS485 TP code outputs



TP= Twisted Pair, UTC= Up-the-Coax

ADEMCO Video VideoBloX Matrix Switch/Control systems: premier modular matrix switcher offering configurations up to 4080 x 256 for video/audio peripherals and alarms.

ORDERING:

Part No. NTSC	Part No. PAL	Description
AD5GCPP18	AD5GCPP18X	RapidDome Gold, Indoor, Color, 18/144X, UTC/TP, Plug & Play
AD5GCFC18	AD5GCFC18X	RapidDome Gold, Indoor, Color, 18/144X, UTC/TP, False Ceiling
AD5GCMPP18	AD5GCMPP18X	RapidDome Gold, Indoor, Color/Mono, 18/144X, UTC/TP, Plug & Play
AD5GCMFC18	AD5GCMFC18X	RapidDome Gold, Indoor, Color/Mono, 18/144X, UTC/TP, False Ceiling
AD5GCPP22	AD5GCPP22X	RapidDome Gold, Indoor, Color, 22/176X, UTC/TP, Plug & Play
AD5GCFC22	AD5GCFC22X	RapidDome Gold, Indoor, Color, 22/176X, UTC/TP, False Ceiling
	AD5PB80	Plug & Play Extension, 80mm (3")
	AD5PB300	Plug & Play Extension, 300mm (12")
	AD5PB600	Plug & Play Extension, 600mm (24")
	AD5PBNPT	Plug & Play 1-1/2 inch NPT Adapter
	AD5WBG	Plug & Play Wall Bracket, Gray
	PS1824	Power Supply, 120 VAC to 24 VAC - 40VA
	AD5LDC	5" Black Lower Dome w/ Clear Viewing Slot
	AD5LDT	5" Black Lower Dome w/ Tinted Viewing Slot (replacement)

For more information on RapidDome or ADEMCO Video products, please contact your sales representative or visit our Web site at www.ademcovideo.com

ADEMCO Video is committed to ongoing product improvement; we therefore reserve the right to change specifications without notice.

RapidDome
*High Speed
 Indoor Domes*

ADEMCO VIDEO

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