Flush Mount Series

Discreet Flush Mount CyberDome



- Discreet 6" diameter Dome
- Variable speeds up to 400°/sec
- · Choice of 4 integrated camera modules
- Up to 25x optical zoom lens
- Up to 12x digital zoom
- Auto iris with manual override
- Auto/manual focus
- 64 programmed presets
- Preset + zone titles
- Auto return function
- Up to four camera tours
- Optional 4 minute shadow tours
- 360° continuous pan
- Quik Spin™ target tracking
- Twist-on Dome attachments
- Quick release connector
- Twisted pair control



Programmable non-volatile memory allows the CyberDome to be customized at set-up, with options such as programmable auto pan and preset tour speeds, return to home position, auto colour balance, pan/tilt invert, proportional zoom speeds and video synchronization.

Optical disk readers keep track of the camera's position, and high quality gold slip rings allow the CyberDome a continuous 360° pan. When a target passes directly under the CyberDome, the Quick Spin™ feature allows the camera to rapidly rotate 180° and continue to follow the target. Four microprocessors control the camera's pan/tilt movement with continuousduty stepper motors.

The unit is simple to install, featuring twist-on dome attachments, and a quick-release connector that allows the entire pan/tilt assembly to be easily removed. Because of its low clearance requirements - only 15.5 cm - the flush mount housing can be installed in almost any ceiling*. To meet individual needs, the CyberDome can be ordered with clear, gold, tinted, or mirrored acrylic lower domes.

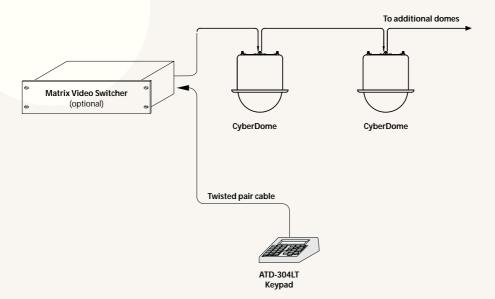
The CyberDome is powered by a 24 V ac/16W input and is controlled via twisted pair cable from one or more remote ATD-304LT keypads. Removable terminal strips are provided for cable connections, and all ICs are socketed for easy replacement.

The **Flush Mount Series** CyberDome™ is a discreet, variable speed pan/tilt/zoom dome receiver capable of up to 400° per second. Available in a 6-inch flush mount, the CyberDome uses an integrated colour or black-and-white camera with up to 25x optical zoom lens, and 2x-8x electronic zoom.

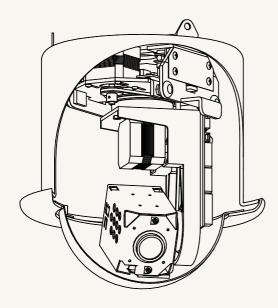
Features include auto iris with manual override, auto or manual focus, backlight compensation, 64 programmable preset positions, preset and zone titling, and up to four camera tours including a four minute shadow tour.



Typical application



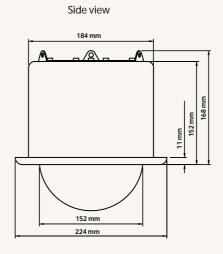
Cutaway view



Dimensions

224 mm
184 mm
152 mm

Top view



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Electrical		Mechanical		Operationa	ıl —
Input voltage	24 V ac, 50 Hz	Weight	2.5 kg	Pan Travel	360 degrees
Power	16 VA	Construction		Tilt Travel	90 degrees
Control		Pan/Tilt	31 mm Aluminium/Delron Frame	Speed	
Input signal	RS 422	Housing - Flush	31 mm Fire retardant ABS plastic	Manual	0,5~120°/sec variable
Signal format	Digiplex, 4800 Baud	Dome	15 mm Acrylic	Preset	Up to 400°/sec,
Video output	Composite, 1 Vp-p	Finish			200°/sec average point to point
Connectors		Housing - Indoor	Black	Optical	
Video	BNC	Pan/Tilt	Black anodized	Light loss:	Tinted Dome=1 f-stop
Control	Terminal strip	Camera	Black		Mirrored Dome=2 f-stop
Power input	Terminal strip	Dome	Clear, tinted, chrome mirrored or gold mirrored		Smoked Dome=1/2 f-stop

Signal format	CCIR
Scanning system	2:1 interlacing
Scanning frequency	
Horizontal	15.625 kHz PAL
Vertical	50 Hz PAL
Image sensor	1/4" solid-state interline fransfer CCD image sensor
Total pixels	537 (H) x 597 (V), 320K CCIR
Effective pixels	500 (H) x 582 (V), 290K CCIR
Lens	F1.6, f=4~64 mm, 16X zoom, auto focu
Angle of view	H: 47° (wide), 4° (tele)
Focus length	Inf. ~0.01 m (wide), ~1.0 m (tele)
Sync. system	Internal, line lock
Horizontal resolution	More than 490 TV lines PAL
Signal to noise ratio	More than 46 dB
Sensitivity	0 .1 lux (AGC on, F1.6 (wide))
Ratings and certification	ıs
Pan/tilt unit	UL-recognized component, E210367 Compliant to UL standard 2044

Day-Night 18x Camera	
Signal format	PAL
Scanning system	2:1 interlacing
Scanning frequency	
Horizontal	15.625 kHz PAL
Vertical	50 Hz PAL
Image sensor	1/4" solid-state interline fransfer CCD image sensor
Total pixels	752 (H) x 582 (V) PAL
Lens	F1.4, f=4.1~73.8 mm, 18X zoom, auto focus
Optical zoom	18X
Digital zoom	Programmable 1X, 4X or 12X
Angle of view	H: 48° (wide), 2.7° (tele)
Focus length	Inf. ~0.01 m (wide) ~1.0 m (tele)
Sync. system	Internal
Horizontal resolution	460 TV lines PAL
Signal to noise ratio	More than 50 dB
Sensitivity	2 lux color, 0.1 lux monochrome
Video output	Composite, 1.0 V pk-pk
Electronic shutter	1/3 ~ 1/1000 sec PAL
Ratings and certifications	
Pan/tilt unit	UL-recognized component, E210367 Compliant to UL standard 2044

Select 18x Colour Camera	
Signal format	PAL
Scanning system	2:1 interlacing
Scanning frequency	
Horizontal	15.625 kHz PAL
Vertical	50 Hz PAL
Image sensor	1/4" solid-state interline fransfer CCD image sensor
Total pixels	752 (H) x 582 (V) PAL
Lens	F1.4, f=4.1~73.8 mm, 18X zoom, auto focus
Optical zoom	18X
Digital zoom	Programmable 1X or 4X
Angle of view	H: 48° (wide), 2.7° (tele)
Focus length	Inf. ~0.01 m (wide) ~1.0 m (tele)
Sync. system	Internal, line lock
Horizontal resolution	460 TV lines PAL
Signal to noise ratio	More than 50 dB
Sensitivity	2 lux color
Video output	Composite, 1.0 V pk-pk
Electronic shutter	1/3 ~ 1/1000 sec PAL
Ratings and certifications	
Pan/tilt unit	UL-recognized component, E210367 Compliant to UL standard 2044

Day-Night 25x Camera	
Signal format	PAL
Scanning system	2:1 interlacing
Scanning frequency	
Horizontal	15.625 kHz PAL
Vertical	50 Hz PAL
Image sensor	1/6 CCD
Total pixels	752 (H) x 582 (V) PAL
Lens	25X zoom, f=2.4 mm (wide) to 60 mm (tele), F1.6 to F2.7
Optical zoom	25X
Digital zoom	12X
Angle of view	45° wide to 2° tele
Min. working distance	10 mm (wide), 800 mm (tele)
Sync. system	Internal/external (v-lock)
Horizontal resolution	460 TV lines PAL
Signal to noise ratio	48 dB
Sensitivity	3 lux color, 0.2 lux monochrome
Video output	VBS, 1.0 V pk-pk (sync negative), Y/C output
Electronic shutter	1/3 ~ 1/1000 sec 20 steps PAL
Ratings and certifications	
Pan/tilt unit	UL-recognized component, E210367 Compliant to UL standard 2044

Flush Mount Series



How to order

6" Flush Indoor Dome Configurations

Fixing Accessories						
Туре	Camera	Smoked Dome	Ceiling ring	T-Bar support kit	Power supply	Fixed camera bracket
Fixed dome	Not supplied	ATA-LF4	ATA-23-6	ATA-24-6	To suit camera	Supplied
Housing only	Not supplied	ATA-F4-0C*	ATA-23-6	ATA-24-6	To suit camera	ATA-03-6

^{*} Accepts P/T/Z mechanism or ATA-03-6 fixed camera bracket

Pan/Tilt/Zoom

Classic	Mono	ATA-F4-B2C	ATA-23-6	ATA-24-6	ATA-6812	ATA-03-6	
Select 18x	Colour	ATA-F4-H2C	ATA-23-6	ATA-24-6	ATA-6812	ATA-03-6	
Day/Night 18x	Colour/Mono	ATA-F4-D2C	ATA-23-6	ATA-24-6	ATA-6812	ATA-03-6	
Day/Night 25x	Colour/Mono	ATA-F4-E2C	ATA-23-6	ATA-24-6	ATA-6812	ATA-03-6	

Please note, other dome colours are available, including Clear, Chrome & Gold.

Please contact your local Aritech office for further information.

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LFATA-6C 03 Rev. 2 1001/UK