

Ikegami PCS-436P-CMEWP Dome Specification Sheet

Revision History: 01/042007 V1.0

Drive Capabilities

Number of Presets:	63 (user configurable)
Number of Pattern Tours:	4 * 1 minute (user configurable)
Number of Slow Tours:	8 (user configurable)
Number of Fast Tours:	8 (user configurable)
Preset Accuracy:	0.05°
Tilt Range:	User definable 0 to 90 degrees (with/without bottom flip) 0 to 180 degrees (with electronic picture flip)
Joystick Control:	Variable selectable speed ranges for precision control Variable speed adjustment with zoom depth Pan speed: 0.01°/s to 360°/s Tilt speed: 0.01°/s to 200°/s
Preset Moves:	Pan speed: 200°/s Tilt speed: 200°/s
Power Fail:	Last action restoration on power up
Software Upgrades:	Fully upgradeable over RS485 link both prior to and post installation

Video System

Privacy Zones:	12 User Definable
Video Effects:	Freeze frame Electronic Picture Flip
Video Format:	PAL / NTSC
Scanning System:	2:1 Interlace
Image Sensor:	1/4 inch interline transfer CCD
Lens:	36 x Zoom F = 3.4mm (wide) to 122.4mm (telephoto) F1.6 to F4.5 12x Digital Zoom
Optical zoom speed:	4 seconds (wide to telephoto)
Digital zoom speed:	2.3 seconds (digital wide to digital telephoto)
Angle of View (H):	57.8° (wide) to 1.7° (tele)
Sensitivity:	1.4 lux (F1.6, 1/50s Pal) colour 50IRE
Shutter speed:	Automatic with manual override Pal: (1/50s, 1/215s, 1/1000s, 1/3500s, 1/10000s)
Iris Control:	Automatic with manual override (16 steps)
Focus:	Automatic with manual override
White Balance:	Automatic
Gain:	Automatic
Video Output:	Variable 1Vp-p to 2Vp-p, 75 ohms (8 steps)
Video Lift:	8 steps



Menu System

The PCS on screen menu system offers a simple, intuitive and powerful interface to the complete set of dome features, with password protection for increased security.

Password protection: Built in
Languages supported: English, French, Spanish, German, Italian.

Possible Communication Protocols

RS485: Ikegami
Pelco P
Pelco D
Samsung
Dennard
VTC
and more

Co-axial: Pelco Coaxitron™
BBV

Mechanical Features

IP Rating: IP67
Housing Construction: Vandal resistant die-cast aluminium
Bubble Construction: Optical grade polycarbonate
Internal Mechanism: Die-cast aluminium
Housing Finish: Two tone grey powder coat
Dimensions: 210mm diameter x 247mm high

Electrical System

Power Supply: 18-28 VAC/DC
Input Power: 10VA nominal
Surge Protection: Built in surge protection
Limited lightning protection

Environmental

Environmental specifications subject to change.

Min temperature: -5°C sustained
Max temperature: 45°C peak, 40°C sustained

