

## C2090-r2/CR Continuous Rotation Pan and Tilt

The C2090-r2/CR is the latest in a long line of pan and tilts from Conway Security Products. Since Conway's formation in 1986, the company has manufactured products for the ever-evolving global CCTV market and the C2090-r2/CR is another example of Conway's ability to deliver the highest quality products to our customers.

The C2090-r2/CR has a 24-way slip ring at its core. This slip ring allows signals to be passed from the fixed base of the pan and tilt up to the moving main body with no need for a cable. This allows the camera to complete a pan cycle in excess of 360° which means that the pan and tilt will always find the quickest route between positions, essential for perimeter applications and especially important when responding to alarms.

### Built to Last

Manufactured on Conway's state-of-the-art machines and using high-quality components, the C2090-r2/CR has been designed and built to last.

The C2090-r2/CR is backed by a two-year warranty against manufacturing failure for extra customer piece of mind.

### Structural Stability

The C2090-r2/CR has a unique cylindrical design. A high-quality cast aluminium body is sealed using O rings to ensure their precision machined sides fit perfectly and protect the pan and tilt from the environment.

### Compatible with New and Legacy Control Systems

The C2090-r2/CR is designed to be integrated with a wide range of telemetry control systems, old and new. Conway can supply the C2090-r2 with different configuration connectors to meet the requirements of a particular site. This service means that customers can easily fit the C2090-r2/CR on sites to replace worn-out units even from other manufacturers.

### Accessories to Make Your Installation Complete

Conway manufactures a wide range of accessories for the C2090-r2/CR. Being one of the world's most established manufacturers of camera housings, there is always a model to suit your camera and lens combination. Customers also have a wide range of mounting brackets, screen-washers and IR mounting accessories to meet the requirements of nearly any application.

### Typical Applications

Town Centres ● Perimeter Security ● Prisons ● Detention Centres  
● Border Security ● Motorways ● Car Parks ● Airports

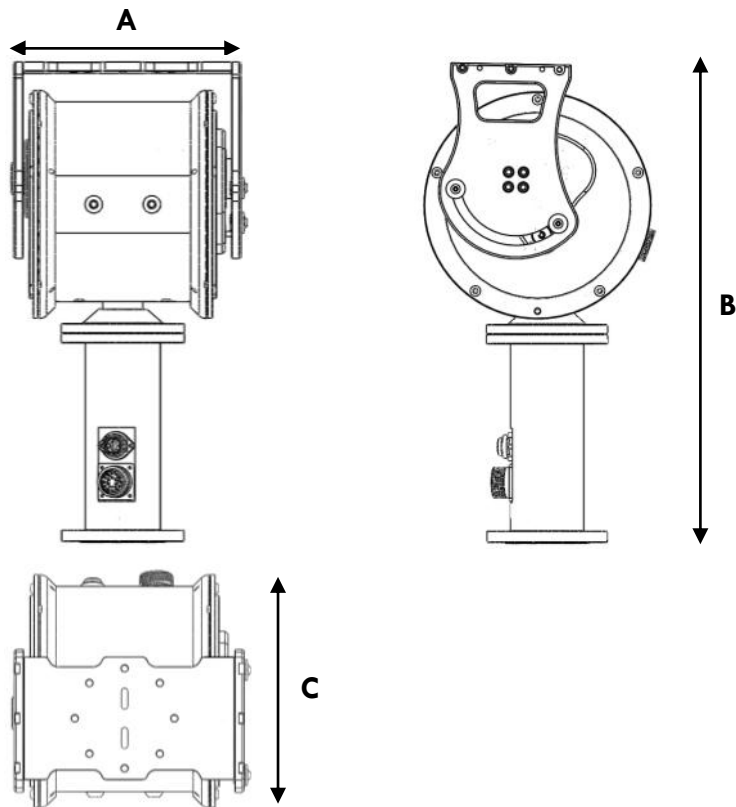
### Models

C2090-r2/CR Variable speed continuous rotation pan and tilt. 24°/sec maximum pan speed, 12°/sec maximum tilt speed. 24vdc

C2090-r2/CR/55 Variable speed continuous rotation pan and tilt. 55°/sec maximum pan speed, 12°/sec maximum tilt speed. 24vdc

- Continuous rotation
- 
- Variable speed
- 
- Maximum load 18kg
- 
- External tilt stops for easy set-up
- 
- Pre-sets
- 
- Up and Over Format
- 
- Compatible with existing telemetry systems
- 
- Aluminium construction
- 
- Powder coated finish BS10a03 "Morning Mist"
- 
- Special paint finishes available
- 
- Manufactured to weatherproof standard BS.EN60529 Level IP66
- 
- 2-year warranty





Dimensions (mms)	
A	238
B	600
C	218

### Special Finishes

The C2090CR-r2 is available in a variety of special paint finishes. Please contact our sales department for details.

Technical Data		C2090CR
<b>Performance</b>		
Maximum Pan Speed	C2090-r2/CR—24°/second (variable) C2090-r2/CR/55—55°/second (variable)	
Maximum Tilt Speed	12°/second (variable)	
Maximum Load	18kg	
Pan Movement	0° - 360° continuous	
Tilt Movement	+30° to -90° max	
Power Consumption	30 watts per axis (peak)	
<b>Mechanical</b>		
Backlash	< 0.5°	
Construction	Aluminium body Stainless steel fixtures	
Finish	Powder coat BS10a03 "Morning Mist"	
Housing Mounting	4"PCD @ 0° and 45°	
Pan and tilt Mounting	4"PCD	
Connectors	17 way and 6 way multi-pole*	
Environmental Rating	IP66	
Operating Temperature	-20° to 55° Celsius	
Input voltage	24vdc	

\* The C2090-r2/CR is uniquely designed to enable different connectors to be utilised for legacy systems. Please speak to our sales or technical department for details.

### Related Products

**Pan and Tilts**  
C2090r2, C2020/ss

**Camera Housings**  
EH4, EH4/w, EH3, EH3/w, EH1,  
EH1/w

**Washers**  
WW1ss/5-12, WW1ss/10-12,  
WW1ss/25-12



Conway Security Products Limited  
Seymore House, Copyground Lane, High Wycombe,  
Buckinghamshire HP12 3HE  
Tel +44 1494 461373  
Fax +44 1494 531685  
sales@conway-cctv.co.uk  
www.conway-cctv.co.uk

Datasheet D55-3  
February 2011