



## MCE-RPS-C Complete Camera Pillar System

- 4G/3G/GPRS comms
- 316 Marine Stainless Steel housing
- Low Power
- 28Ah Battery Pack
- MCE-MRC Camera
- IR illuminator
- Kee Klamp fixing
- Pan/Tilt adjust
- RPT Security locks
- Simple to install and commission

The MCE-RPS-C 4G Complete Camera Pillar System is a complete rapid deployment system for remote and exposed locations. No other components or connections are required.

Housed in marine grade 316 stainless steel the pillar enclosure is designed to withstand harsh outdoor environments. It can be installed directly onto standard kee klamp railing systems and is supplied with brackets to fit size 7 or 8 kee klamp as standard.

The Pillar system is fitted with the MCE-MRC camera module, along with a 10m range low power IR illuminator. The Pillar contains a Central Interface Unit (CIU) which manages the power requirements of the system, along with providing quick release connections for individual components.

The Pillar system is supplied with a 28Ah battery pack, along with a 20W solar panel kit. This allows the pillar to operate year round in all weather conditions. An internal solar regulator ensures that the batteries are maintained to optimum condition.

The pillar can accept connection to local sensors (eg water level) to automatically trigger enhanced image acquisition. Images are sent in real time to the Meteor Web Portal or can be directly sent via ftp or email for integration into existing SCADA or telemetry systems.



### Camera Specification

Lens	M12 Board Mount. 3.6mm Standard (6mm, 12mm optional)
Resolution	2MP selectable up to 1600x1200
Image format	jpeg
Image Storage	Internal micro SD, 20,000 images minimum
Input	Digital event trigger Input
IR illuminator	10m range low power, 850nm
Zoom	Digital zoom 0-10 centralised
Image output	ftp, email, Meteor web portal
Configuration	SMS, email, bluetooth (optional)
Filter	IR bandpass, IR cut (optional)

### Communications

Modem	LTE module supporting LTE-TDD/LTE-FDD/HSPA+/GSM/GPRS/EDGE
Antenna	Vandal resistant Puck, optional external via SMA
GPS (Option)	GPS/GLONASS via optional external antenna

### Physical Characteristics

Dimensions	680 high x 310 deep (max) x 140mm
Weight	22 Kg (including batteries)
Operating Temperature	-20 to +60 Deg C
Housing	Marine Grade 316 Stainless Steel, RAL hard coat
Fixings	Kee klamp size 7 (42.4mm), size 8 (48.3mm)

### Power

Operating Voltage	12V DC Nominal
Battery Capacity	28Ah
Solar Panel size	20W
Solar Regulator	4A

