



MCE-RPS-M Camera Mini Pillar System

- 4G/3G/GPRS comms
- 316 Marine Stainless Steel housing
- Low Power
- MCE-MRC Camera
- IR illuminator (15m)
- Kee Klamp fixing
- 12V DC or AC Mains variants
- Simple to install and commission

The MCE-RPS-M 4G Camera Mini Pillar System is a complete rapid deployment unit for remote and exposed locations. It can be supplied as 12V DC or Mains power variants.

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 bracket to fit size 7 or 8 kee klamp as standard.

The Pillar system is fitted with the MCE-MRC camera module, along with a 15m range low power IR illuminator. The Pillar contains a Central Interface Unit (CIU) which provides quick release connections for individual components. A vandal resistant Puck antenna is fitted to the top of the unit.

With low power consumption the Pillar system can utilise existing DC battery / solar power systems or be connected to mains power sources. This means that the unit can be quickly fitted as an addition to existing monitoring stations.

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 memory card, 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), ftp
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	200 high x 265 deep (max) x 150mm
Weight	5 Kg
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 (6-28V)
Power Consumption	<0.2W

