

PoolCop

CELLULAR ROUTER



ENSURE REMOTE MONITORING AND INSTANT ACCESS TO ALL POOLCOP DATA 24/7

In order for an automated system to be efficient, the communication needs to be immediate, reliable and stable.

The PoolCop solution not only collects, stores and analyses the data, but it is also in constant exchange with the PoolCop interface. Reactivity is essential when using the interface to control equipment from a distance.

This industrial router enables direct high speed connection to the PoolCop Cloud and an immediate response for data and control.

Data volume used, network type, and signal strength are the three essential types of information that are reported when using the router.

The PoolCop waterproof enclosure secures all electrical components from humidity in pump houses or external installations.



PRODUCT ADVANTAGES

- Worldwide SIM compatibility
- Accurate and reliable
- Stable communication
- Simple and direct installation
- No calibration required
- Data package (7 GB)*



Pre-configured
with SIM data card
pre-installed



TECHNICAL SPECIFICATIONS

Cellular Router Kit EU

Cellular Router Kit NA

REFERENCE	PI5100-D		PI5100-H	
REGION/S	EMEA & APAC		NA	
VOLTAGE SUPPLY	230Va.c. adapter		120Va.c. adapter	
ANTENNA CONFIGURATION	One GSM antenna (3.5 dbi) • Hi-Gain antenna		Two GSM antenna (3.5 dbi): • Hi-Gain antenna • MiMo antenna	
PACK CONTENTS	• GSM Router, with power supply and antenna/s • RJ45 cable 100cm • External Hi-Gain antenna • SIM Data Card <i>*Please note : Reference PI4180 is sold alongside this article. PI4180 : Data access for the SIM card - 7GB : 140€ NET excluding tax</i>			
DIMENSIONS	130 x 210 x 125 mm - 0.95 Kg (not incl. external antenna)			
GUARANTEE	24 months			
DISPLAY AND ANALYSIS	Via web interfaces and PoolCop Cloud			
POOLCOP FIRMWARE, MINIMUM REQUIRED	V30			
COMMUNICATION WITH POOLCOP	RJ45 TCP/IP			
VCC	5.0 VDC to 36.0 VDC			
WORKING CURRENT	Average 150mA, maximum 385mA@12V			
POWER INTERFACE TYPE	DC power supply, with anti-reverse connection			
WORKING TEMPERATURE	-20°C to 70°C			
STORAGE TEMPERATURE	-40°C to 125°C			
STORAGE HUMIDITY	5% to 95% RH (no condensation)			
TYPE, BANDS	LTE FDD TDD WCDMA GSM/GPRS/EDGE	CAT41 1/3/5/7/8/20 38/40/41 1/5/8 3/8	LTE FDD WCDMA	CAT4 2/4/12 2/4/5
DATA USAGE (AVERAGE CONSUMPTION)	Monthly	600 MB	Monthly	600 MB
	Yearly	7.2 GB	Yearly	7.2 GB
COMPLIANCE, ACCREDITATION, CERTIFICATION	CE, WEEE, RoHS, RED		UL, FCC, AT&T	
INSTALLATION COMPATIBILITY	PoolCop Evolution, PoolCop Genesis, PoolCop Panels New construction, renovation, or upgrade Residential and commercial pools and spas			

