MobileViewpoint

WiCam

STANDALONE ON-SITE CAMERA

High-speed
bundled uplink

Remote controlled
via a web-based
interface

All-in-one package

Integrated PTZ camera
and mobile encoder

Description

The WiCam is a standalone on site camera for live video surveillance from a fixed location. It is a combination of a high-quality video encoder, WMT-Multiplex software and industrial hardware. The hardware is available for temperature ranges between -25 and 60 degrees Celsius. Supporting both HDMI and SDI cameras and analogue via a converter, the WiCam delivers a complete solution for video surveillance and standalone set-ups.

The WiCam has by default 3x 3G/4G radio modules (upgradable to 8), WiFi and RS485 and can multiplexe up to 8 connections, which can be a combination of 3G/4G/WiFi/Fixed IP/CDMA2000 or any other technology. The WiCam provides by default HD-HDMI and SDI input and analogue video and audio input via a separate converter. The system will provide video bandwidths between 150 kbit and 16 Mbit (capped) depending on available mobile bandwidth and sent over auxiliary data. For remote control of PTZ cameras there is an RS485 port available. Via a separate external display or via the built-in WiFi access point from any smart phone, it is possible to monitor the unit.

The WiCam utilizes the patent pending multiplexing Mplex technology to create a high data rate channel to deliver the highest quality video possible.

INTERFACES

- HD 1080i, 720P, full D1, 1/2 horizontal, 1.4 resolution in Pal and NTSC mode

INPUTS

- HD/SD-SDI
- HDMI

SUPPORTED ENCODING

- Adaptive H.264 high profile
- Adaptive H.265 SD and 720 only

CONNECTIONS

- Frequency Bands: GSM/GPRS/EDGE/UMTS/HSPA+/4G/LTE
- Band options; Five band LTE UMTS (WDCDMA/FDD)
- 800/850/1900 AWS and 2100 MHz
- Quad band: 850/900/1800/1900 Mhz
- Connector Type: SMA

ADDITIONAL ACCESSORIES

- GPS Module (optional):
- USB based receiver type; 50-channel U-blox 6 engine
- GPS L1 C/A code
- SBAD:WAAS, EGNOS, MSAS, GAGAN
- Sensitivity
- Tracking
- 160 dB
- Reacquisition: 160 dBm
- Cold starts: 147 dBm
- Velocity Accuracy: 0.1 m/s
- Heading Accuracy: 0.5 degrees

HARDWARE

- Housing: SECC sheet (mm
- Dimensions: 200 × 57 × 120 mm
- (7.87 × 2.24 × 4.72 in)
- Mounting: DIN-Rail, wall

KEY FEATURES

- PTZ camera included, 20 x optical zoom, max 1080P
- High speed bundled uplink
- Pool mountable
- Robustly built quality
- Fail over compensation between different networks
- Easy 1 button operation
- Easy to install