

The TTech-21 Drop Kit video surveillance system is designed for long-term outdoor deployments. The rugged design is ideal for quick deployments, without the need for external power or camera wires.

The TTech-21 cameras are battery-powered PIR motion sensor with an integrated video camera and infrared illuminators. They are designed to detect intruders, instantaneously record a short video clip and transmit the video to the nearby control panel.

The control panel then transmits the video signal to the end users via cell communications for immediate review and dispatch via e-mail or text.

The TTech-21 Control Panel communicates to the cameras over military-grade RF and to the end users over cellular, Ethernet/IP or Ethernet/IP with cell backup.

The control panel and cameras feature multiple inputs and outputs for integration with third-party devices and the ability to easily upgrade existing systems to video verification.

The TTech-21 Drop Kit provides a crucial link between detection and confirmation.

Once activated, a voice notification and a seven second video is sent via GPRS to your smart phone or e-mail account for quick review and response. Requires 3rd party communication agreements.

Each control panel will host up to ten (10) wireless video cameras. Cameras may be placed up to 1,000 ft. from the control panel.



Each communication panel requires only one (1) SIM card to relay the video from the cameras assigned to it. As long as the control panel is within cell range, all videos generated from subject movements will be sent to your phone or e-mail for review.

Communications are accomplished via 128 bit AES encryption using a 25 channel Spread Spectrum two-way wireless transceiver.



- **128 ASE Encrypted two-way Transceiver**
- **GPRS Cell Communications**
- **Communication service required**

TTech-21

General Specifications

CAMERAS

Power Requirements	3 3.6 VDC AA	RF Technology	S2 View
Battery type	Lithium, LS14500	Radio Type	Spread Spec
Camera sensor type	CMOS black & white	Antenna	Internal
Camera lens	Wide angle 85 degrees	Video sequence	5 frames / 10 sec
Camera response	Less than 100 milliseconds	Night illumination	2 IR LEDs
Night illumination switch	Automatic	Night illumination distance	40 ft.
Motion detector	Passive IR DSP	Motion detector type	Dual element
Motion lens	Fresnel	Motion detection angle	90 degrees
Motion detection distance	40 ft.	Operating temperature	-20F to +140F
Maximum relative humidity	95% non-condensing	Material	Polycarbonate
Approvals	UL / FCC (DCV650) CE / EN50131 / EN300220 / IDA (DCV250)		A-tick (DCV750)
Weight w/o batteries	9.2 oz		

TRANSMITTER HUB

RF technology	S2 View
Radio type	Bi-directional
Operating frequency	868/915/920 MHz
Transmission type	Spread spectrum
Transmission security	AES algorithm
Video format	MPEG
Transmit size	220 Kbytes
Video framing	5 frames / sec
Picture format	JPEG
Picture size	320 x 240
Operating temperature	-20F to +140F



Each TTech-21 Drop Kit Has 2 Cameras, 1 Control Panel and 1 Activation Keypad

