



*We Connect the World*



## WLV-090TDM

903-928MHz TDMA Mobile CPE (Output Power: 23dBm)

for Mobile Live Video Streaming, W/Video Server built-in for Analog Camera, 2dBi Omni Antenna, Li-ion Rechargeable Battery (12V 6800mAh), 2 RCA Male to 3.5mm Stereo Cable

*Real-Time Video / Voice Streaming*

*Easy setup for temporary use*

*NLOS 1~2KM*

*TDMA Wireless Technology*

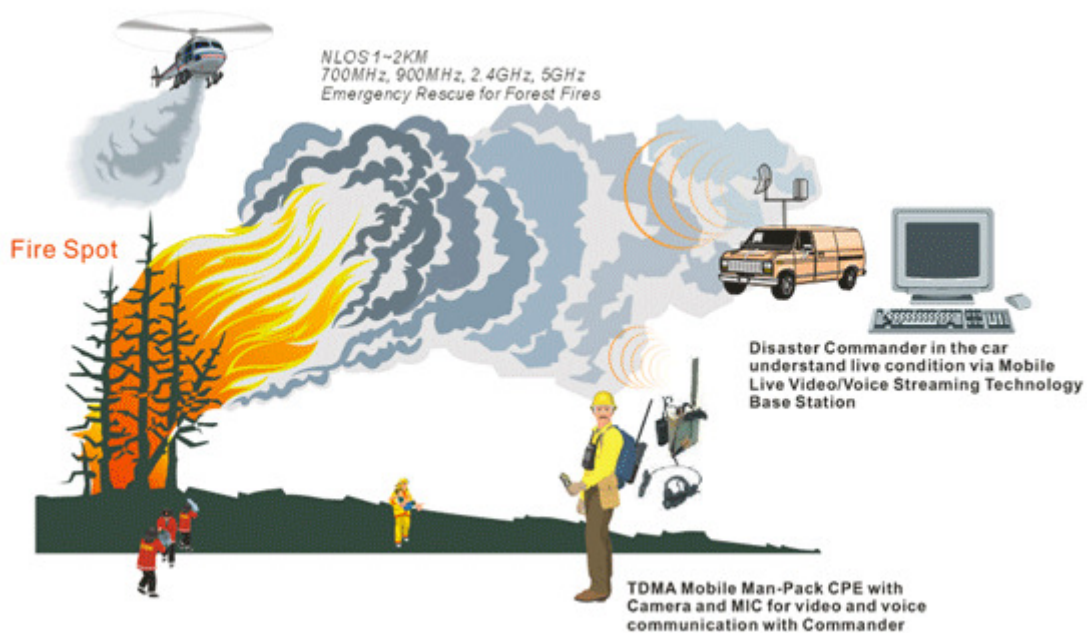
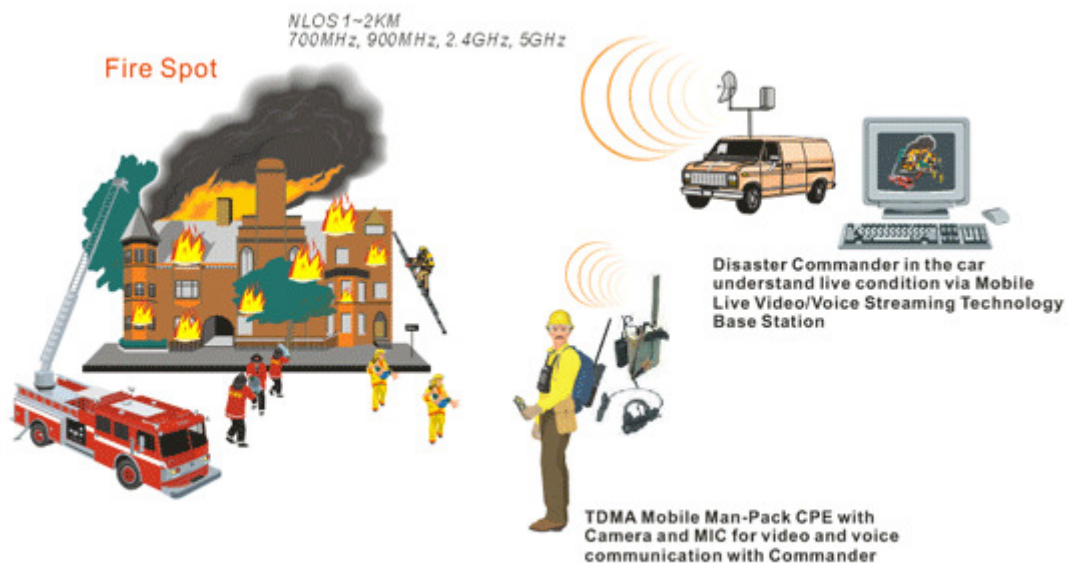
PheeNet WLV-090TDM is designed for Wireless Mobile Live Video Streaming application for Rescue / Emergency use by proprietary TDMA technology. By PheeNet's proprietary TDMA Technology, TDMA Base Station can support Multiple Mobile CPE unit operation at the same time with good quality bandwidth.

TDMA Mobile CPE's Compact size design and easy connection setup is better for rescue team, police to wireless Mobile Live Video Streaming per mission request. Support transmitting both video and voice from each TDMA Mobile CPE to Base Station (Control center) when there are emergencies such as fire, natural disaster, or temporary surveillance needed, and have all the precious information sent back to the control center real time.

# APPLICATION



Front Panel



## FEATURES

1. Real-Time Voice and Video Streaming
2. TDMA Wireless Technology
3. NLOS 1~2KM Operation
4. Compact Size
5. Easy Setup
6. Better for temporary / Emergency mission use

## SPECIFICATION

Wireless Features	
Standard	Proprietary
Frequency Range	903-928MHz
Channel Bandwidth	5/10/20MHz
Security	256-bit AES
Output Power	23dBm
Transmit Power Control	Yes
Operating Mode	Client Mode
Receive Sensitivity	-92dBm
Software Features	Link Test Tool (Real Time Local and Remote RSSI) TDD / 802.1P QoS Auto-Channel Backup / Restore System Log Remote Log Server SSH CLI NTP Client
Management	Web-Based management Support SNMP V2 (Private MIB)

<b>Video</b>	
Video Compression	H.264 / MJPEG
Video Resolution	NTSC: D1: 720 x 480 CIF: 352 x 240 QCIF: 176 x 120 PAL: D1: 720 x 576 CIF: 352 x 288 QCIF: 176 x 144
Bit Rate	64K ~ 4M bits/sec (CBR/VBR configurable)
Frame Rate	30 fps@D1/CIF/QCIF
Video Control	6 Stream Profiles H.264 & MJPEG VBR/CBR for quality / bit rate control Embedded OSD for Time & Text Stream RTSP URI
Digital PTZ (option)	By Image Area
PTZ Support (option)	Pelco D/P
Image Adjustment	Brightness, Saturation, Hue, Contrast, Rotation
Event System	Trigger: Schedule, Motion Detection, By boot Action: Snapshot image upload via FTP, Notification via Email, TCP
<b>Hardware</b>	
Processor	Intel IXP425 266 MHz Atheros AR5414
Flash	16MB
SDRAM	32MB
Antenna	2dBi Omni Antenna (N-Type)
LED Indication	Power, Status ,Wireless, VS, RSSI (6 LEDs)
I/O for Camera	Audio / Video
Default Button	Yes
Environment	Operating Temperature: -10 °C ~ 50 °C Storage Temperature: -10 °C ~ 60 °C Humidity: 10~95%(non condensing)
Power Supply	DC 12V In (from Li-ion Battery) DC 12V to Camera
Power Consumption	9W
Waterproof	Plastic Case (ABS)
Dimensions	135 x 192 x 40 mm (main unit)
Package Content	Main unit with Built-in Video Server 2dBi Omni Antenna 2 RCA Male to 3.5mm Stereo Cable Li-ion Battery 12V 6800mAh

## **PheeNet Technology Corp.**

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