

INSTALLATION GUIDE

Detailed technical specifications and site preparation requirements for pole-mounted units.

AT A GLANCE



RUGGED & RELIABLE
Built for 24/7 performance in any environment.



EASY TO DEPLOY
Designed for quick installation and setup.



AI-POWERED
Real-time analytics at the edge.



SECURE BY DESIGN
End-to-end encryption and secure connectivity.



SITE REQUIREMENTS

- Clear line of sight to target area
- Stable pole or structure meeting load requirements
- Access to power (AC) or solar power option
- Network connectivity (4G/5G or wired)
- Proper mounting height and camera placement
- Grounding in accordance with local codes



VPU™ SPECIFICATIONS

Dimensions	16.5" H x 14.0" W x 7.5" D (419 x 356 x 191 mm)
Weight	24 lbs (10.9 kg)
Operating Temp.	-40°F to 131°F (-40°C to 55°C)
Power	100–240 VAC, 50/60 Hz or Solar 12/24 VDC
Power Consumption	Max 60W (Typical 35W)
Network	4G/5G (Cat 6 LTE) or Ethernet
Storage	Edge Storage up to 4TB
Enclosure Rating	NEMA 4X / IP66
Installation	Pole-Mounted
Compliance	FCC, CE, RoHS, NDAA Compliant



PACKAGE CONTENTS

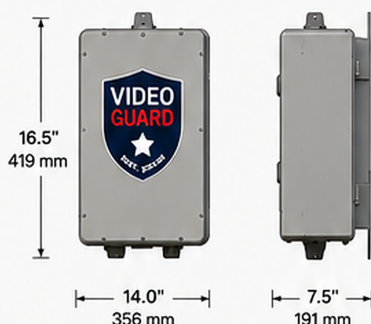
- ✓ VPU™ Processing Unit
- ✓ Pole Mount Bracket
- ✓ Mounting Straps (2x)
- ✓ Security Screws & Keys
- ✓ Quick Start Guide
- ✓ Grounding Kit (Optional)
- ✓ Power Cable
- ✓ Antenna (Pre-Installed)



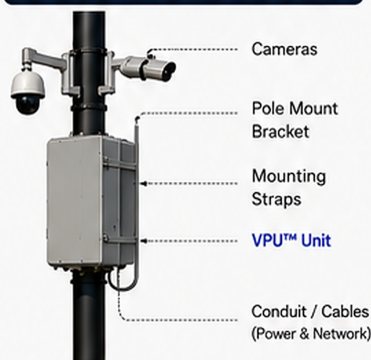
NOTE

Only qualified personnel should install and service this equipment. Follow all local electrical and safety codes.

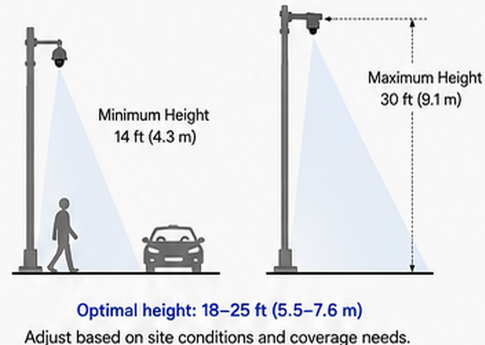
VPU™ DIMENSIONS



TYPICAL POLE INSTALLATION



RECOMMENDED MOUNTING HEIGHT



INSTALLATION STEPS

- 1 ASSESS SITE**
Verify site meets all requirements and has clear line of sight.
- 2 MOUNT BRACKET**
Secure pole mount bracket to pole using mounting straps.
- 3 INSTALL VPU™**
Attach VPU unit to bracket and secure with provided screws.
- 4 CONNECT POWER**
Connect AC power or solar power system and verify voltage.
- 5 CONNECT NETWORK**
Connect network (4G/5G or Ethernet) and verify connectivity.
- 6 TEST & ALIGN**
Test system, verify camera views, and adjust as needed.