

# SmartSight S3100

## MULTIBAND OUTDOOR WIRELESS BRIDGE



WIRELESS.  
DISTRIBUTED.  
NETWORKED.



Integrated Multiband Solution  
License-Free 2.4/5.3–5.8 GHz U-NII Bands

### PRODUCT OVERVIEW

The SmartSight® S3100 wireless bridge leverages the SmartSight SPCF™ protocol, which resolves “hidden node,” quality of service, range, and security problems often present when using 802.11 wireless networking products.

The S3100 wirelessly links the S1100w wireless video transmitters, or S1500e series and S1600e video servers in remote locations, to an Ethernet Local Area Network (LAN). Several bridges can be used to create multiple video links covering a large geographical area, such as for citywide monitoring. Configuration and management are made easy with nDVR®, Loronix Video Manager™, or SConfigurator™ software.

Two or more units can be combined to form multi-branch repeaters to circumvent natural or man-made obstacles, in point-to-point or point-to-multipoint applications. The S3100 is available with Power-over-Ethernet injection, simplifying installation by reducing the number of cables that need to be run. The S3100 is built on open standards to provide long-term investment protection.

### KEY FEATURES

- ✓ Enables the deployment of CCTV or video monitoring systems throughout parking lots, parks, ports, airports, railway facilities, multi-building complexes, cities, streets, highway intersections, and other critical locations
- ✓ Supports up to sixty high-quality video links at any given site; this number can grow with proper RF site planning
- ✓ Flexible wireless digital repeater functions for circumventing RF path obstructions or increasing system range and coverage with no degradation in video signal quality
- ✓ Supports remote configuration and firmware upgrade from any node on the network
- ✓ End-to-end secure wireless link using AES encryption with rotating 128-bit key
- ✓ The SmartSight SPCF polling protocol for resolving “hidden node,” quality of service, and security problems often present when using conventional 802.11 wireless networking products
- ✓ Access control via SSL-based authentication for unit and wireless network configuration and control

