

# ARRIS VAP2400

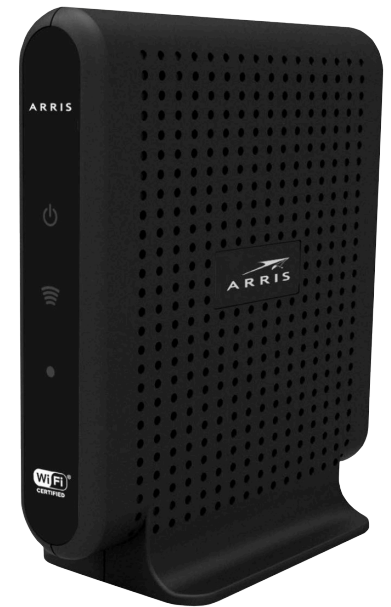
## WIRELESS VIDEO ACCESS POINT

### FEATURES

- Wi-Fi Video Bridge
- Wirelessly connects set-tops throughout the home
- Effortless support for multiple HD and SD streaming in the home
- 802.11n Standard base compliant
- Operates in 5GHz band to support HD video reliability
- 4 antennas enabled X-Y-Z Polarization Diversity
- Support multiple configuration density – 1 or 4 RJ-45 Ethernet Ports
- Supports TR-069 with remote firmware upgrade and diagnostics capabilities
- WPA2, WPA and WEP security encryption methods are supported
- Auto Detection capabilities of Device Mode (AP/STA)
- Multiple concurrent HD and SD streaming support
- Full HD 1080p resolution support on any/all screens in the home
- High performance solution designed for in-home convergence
- First 4x4 MIMO 802.11n solution with explicit dynamic digital beamforming
- Operates in the 5GHz frequency band to separate Data and Video applications
- Supports Internet Group Management Protocol (IGMP) snooping
- Security: WPA2/WPA/AES/WEP-128/WEP-64
- Wi-Fi Protected Setup (WPS)
- Automatic Detection of AP/Client mode operation
- TR-069 Remote management

### BENEFITS (802.11N WI-FI VIDEO BRIDGE)

- Equipped with next generation wireless video chipset for better performance and coverage
- True beamforming 4x4 MIMO solution with whole-house rate and reach coverage
- Effortless support for multiple HD and SD streaming in the home at high data rate and larger house coverage
- IEEE 802.11n standard compliant
- Advanced carrier class home networking features for video distribution within the home
- Full remote management with self-install capabilities
- No subscriber home wiring required
- Secure, reliable and easy to install





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## WIRELESS VIDEO ACCESS POINT

### TECHNICAL SPECIFICATIONS

#### NETWORK INTERFACES

- 1 or 4 RJ-45 10/100 Ethernet LAN port

#### WIRELESS CHARACTERISTICS

- 4x4 MIMO X-Y-Z polarization diversity
- IEEE 802.11n radio
- Wi-Fi Protected Setup (WPS)
- Wi-Fi Multimedia (WMM), WMM-Power Save (WMM-PS)
- 802.11e power saving mode
- Automatic Power Control
- Dynamic TX power saving mode

#### WIRELESS OPERATING CHANNELS

- 5 GHz UNII bands (5.15-5.35 GHz, 5.470-5.725 GHz, and 5.725-5.850 GHz bands)
- 20 and 40 MHz supported

#### SECURITY

- WEP Encryption 64-bit and 128-bit AES encryption
- WPA Encryption TKIP
- WPA2 Encryption 802.11i

#### QUALITY OF SERVICE AND TRAFFIC MANAGEMENT

- Supports for IGMPv3 snooping
- Supports IEEE 802.1p (Diff-Serv)
- Supports IEEE 802.1q VLANs

#### DEVICE MANAGEMENT

- Password-protected access
- Statistics logging and reporting
- Remote Management: TR-069/TR-098, TR-111
- Local Management: WebUI, CLI (Telnet)

#### LEDS

- Power (Front)
- Wireless Signal Quality (Front)
- Operational mode (AP/STA) (Front)
- Ethernet Link (rear panel)

#### REAR PANEL INTERFACES

- Ethernet Ports - One RJ-45 (Four-port option available)
- WPS pairing button
- Reset button
- Power Supply (wall wart)
- Power switch (optional)



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### TECHNICAL SPECIFICATIONS

#### REGULATORY CERTIFICATION

- Wi-Fi Alliance certified
- CE Mark
- RoHS-compliant
- Code of Conduct compliant (CoC)

#### OPERATING TEMPERATURE

- 0° to 40°C

#### STORAGE TEMPERATURE

- -40° TO +60°C

#### RELATIVE HUMIDITY

- 8 to 95%, non-condensing

#### DIMENSIONS

- 6.1 x 5.2 x 2.5 (in.) (H x D x W)

#### ORDERING INFORMATION

- EMEA
  - VAP2400E  
579650-001-00  
VAP with One Ethernet Port
  - VAP2404E  
579651-001-00  
VAP with Four Ethernet Ports
- North America
  - VAP2400  
579650-002-00  
VAP with One Ethernet Port
  - VAP2404  
579651-002-00  
VAP with Four Ethernet Ports