USA Distributor

VIDOVATION
Moving Video Forward

ABonAir
Live Excitement. Wirelessly!

AB512™:
THE ALL NEW 7 MSEC DELAY WIRELESS MICROWAVE TRANSMISSION SOLUTION

EXCITING NEWS AND SPORT MOMENTS HAVE NEVER BEEN SO LIVE:

- Sub-frame delay (7 msec): For live event coverage and multi-camera production
- High-picture quality (+52dB PSNR): With new revolutionary H.264 CODEC technology
- Full resolution supports: 1080p (up to 60 fps), 1080i, 720p, NTSC, PAL
- Superior coverage utilizing MIMO and fiber-based antenna.
- Single-zone and multi-zone upgradable Fiber Coverage Extender (FCE) support.
- Seamless roaming from one coverage zone to another without losing a pixel!
- Supports Sony, Panasonic, Ikegami, Grass Valley and Hitachi Camera Control Units (CCU/RCP) and PTZ.
- Upgradable Intercom and IFB using the same RF channel
- Wide coverage distance: up to 3,000 meter per zone
- Unlicensed frequency
- Bi-directional radio with per pixel acknowledgement

LIVE EXCITEMENT. WIRELESSLY!

ABonAir's AB512™ wireless video system enables camera teams to wirelessly transmit video directly from cameras to media centers or OB trucks.

Built on a bi-directional radio channel between transmitter and receiver, ABonAir's systems acknowledge the correct acceptance of each group of pixels, thus providing exceptionally robust and reliable transmission.

The AB512™ supports ABonAir's Fiber Coverage Extension (FCE) which enables connection of a single receiver to multiple FCEs in various sites (e.g. horse racing tracks – race track, stables and the winning circle) or even on completely separate sites (e.g. football stadium, basketball arena and swimming pool) all via fiber cables with unlimited range.

Full HD 1080 FC CE RoHS 2002/95/EC

USA Distributor:
VidOvation - Moving Video Forward
+1-949-777-5435 | Fax +1-949-777-5436
sales@vidovation.com | http://vidovation.com

SPECIFICATIONS

VIDEO	
VIDEO INPUT	3G-SDI | HD-SDI | SD-SDI | CVBS
VIDEO FORMATS	1080p | 1080i | 720p | NTSC | PAL
FRAME RATES	60 | 59.94 | 50 | 30 | 29.97 | 25 | 24 | 23.94
CODEC ENGINE	H.264
LATENCY	Sub Frame Delay 7 mSec
RADIO	
MODULATION MODES	**OFDM**: BPSK | QPSK | 16QAM | QAM
FEC	1/2 | 2/3 | 3/4 | 5/6 | 7/8
FREQUENCY RANGE	5GHz band — 4.9-5.875 Ghz
TRANSIT POWER	Adjustable 50-350mW
ANTENNA CONNECTOR	N-type
RECEIVER CONNECTION TO FCE	**DUPLEX FIBER**: single mode or multi mode
ENCRYPTION	AES-128
AUDIO	
ANALOG INPUT	Mic/+48v Mic/line stereo pair
ANALOG RANGE	-60dBm — +18 dBm
SAMPLING RATE	Analog or embedded SDI @ 48KHz
CCU/RCP	**Supported CCU/RCP Camera Vendors:** Sony, Panasonic, Ikegami, Grass Valley, Hitachi **RS422/RS485**: Bi directional full duplex data link @ 1 Mbps Supports PTZ Robotic Camera Control (Pan-Tilt-Zoom)
INTERCOM	
TRANSMITTER	Integrated belt pack with IFB output
RECEIVER	Supports 4-wire & 2-wire configurations
POWER SUPPLY	
VOLTAGE	10V-14V DC
TRANSMITTER POWER CONSUMPTION	10-15W
TRANSMITTER MECHANICAL	
SIZE	23.5cm×10cm×4cm
WEIGHT	1.1 KG
HUMIDITY	95%
BATTERY MOUNTING	V-Lock or Gold Mount