Zandar Technologies is a dynamic and progressive company with a worldwide presence and a wide range of innovative multi-source display and management solutions.

Think Zandar for:
- Broadcast multi-video & audio monitoring
- Master Control Rooms
- Satellite & Network Operation Centers
- Mosaic & Interactive Channels
- Command & Control
- Audio Visual Presentations
- Video-conferencing
- Security & Surveillance

Zandar’s dedicated sales and engineering team, professional resellers and responsive technical support specialists underline a commitment to quality, continuous improvement and customer satisfaction.
Zandar’s international customer base includes many of the world’s leading companies in the broadcast, television and professional video markets.

Zandar offer a wide range of proven MultiViewer solutions, with numerous input formats, output display resolutions, and control options.

Front Cover Picture courtesy of BBC, London
FusionPro+ is the next generation in the Fusion Series of multi-source display processors and represents an evolution of technology and functionality.

The Series is founded on a modular architecture consisting of a range of plug in processing cards and associated i/o, enabling users to combine formats – analog video, SDI, HD-SDI, RGBHV computer sources, DVI sources, and audio – in one system. At the core of the FusionPro+ is a new Display Processing Engine, capable of extremely high resolutions and video wall functionality.

Supporting resolutions up to WUXGA and 1080p, Fusion delivers excellent image quality, advanced down-scaling, smooth zooming up to full screen, layering and window manipulation.

The ZdH Zandar Dual Head option enables Fusion to drive two displays at once, configured as a virtual monitor wall. Any source can be displayed anywhere on the monitor wall, even spanning the two displays for true video wall functionality.

FusionPro+ 1RU combines all this in a neat 1RU, accepting 4 input processing cards for 8 scalable windows. Standard features include support for UMDs, tallies and alarms, with user control via serial, GPI or Ethernet.

**FEATURES**
- From 2 to 8 scalable windows
- Programmable output - RGBHV or DVI
- NTSC/PAL, SDI or HD-SDI inputs in 4:3 or 16:9
- Computer inputs – RGBHV or DVI
- In-Picture Audio Metering & Audio Monitor Out
- Dynamic UMD and Tally display
- Clock and Timecode display
- Fault detection and alarm monitoring
- Layout Configuration Software (Z-Configurator)
- ZdH – Zandar Dual Head control (optional)
- ZRP – Zandar Remote Panel (optional)

**APPLICATIONS**
- Broadcast Monitoring in Studios, MCRs and OB Trucks
- Command & Control Room Monitoring: Broadcast, Security/CCTV, Industrial & Government, NOC & ENOC
- Satellite Center & Cable Head-end Monitoring
- "Virtual" Videowall creation/emulation on high-resolution plasma, projection screens and LCD displays

The FusionPro+ 3RU is a 26 channel, fully controllable, re-configurable, intelligent visual information system. Designed for mission critical applications, it has optional dual redundant power supplies and easily accessible front-loading cards. The operator has instant visibility of each source - whether video, data, or audio level meters; immediate and visual alert of fault conditions; clear display of channel idents, tally status, clocks and timecode. Nothing is left to chance as redundancy, robustness and serviceability are as important as image resolution and picture quality in critical installations.

User display configuration is provided via the Z-Configurator Layout Configuration software. Remote control is over RS-232, RS-422/485 or LAN. Alarms include;
- Loss of video sync
- Loss of SDI lock
- Loss of audio
- Black picture detection
- Audio under-levels
- Frozen picture detection
- Audio over-levels

FusionPro+ 3RU can drive all the popular LCD, Plasma and front and rear projection displays, with support for resolutions such as 1366x768, SXGA+, WUXGA and 1080p, via RGBHV or DVI. Display brightness control and input source aspect ratio management are standard features. The ZdH Zandar Dual Head option provides a new mode of operation, with FusionPro+ capable of driving two displays at once, splitting the 26 sources across a Virtual Monitor Wall, with any input to any output functionality.

**FEATURES**
- From 2 to 26 scalable windows
- Programmable output up to WUXGA, 1080p
- NTSC/PAL, SDI or HD-SDI inputs in 4:3 or 16:9
- Computer inputs – RGBHV or DVI
- In-Picture Audio Metering & Audio Out
- Dynamic UMDs, Tallies, Clocks & Timecode
- Fault detection and alarm monitoring
- Redundant power supplies
- Layout Configuration Software (Z-Configurator)
- ZdH – Zandar Dual Head control (optional)
- ZRP – Zandar Remote Panel (optional)

**APPLICATIONS**
- Broadcast Monitoring in Studios, MCRs and OB Trucks
- Command & Control Room Monitoring: Broadcast, Security/CCTV, Industrial & Government, NOC & ENOC
- Satellite Center & Cable Head-end Monitoring
- "Virtual" Videowall creation/emulation on high-resolution plasma, projection screens and LCD displays
FEATURES

**ZdH, Zandar Dual Head**

The Dual Head option (Option-ZdH) changes the mode of operation of the Pro+ Display Processor from duplicate mode to dual head mode.

The standard Duplicate mode provides a single multi-source output plus a duplicate of that to drive a secondary display at full resolution or to convert for distribution.

**Dual Head** mode enables one system to drive two displays as one virtual display, with any input to any output functionality.

ZdH is enabled via a software license and can be factory installed or provided as a field upgrade. The user may switch between modes as required for greater flexibility.

ZdH provides the user with greater control over the display wall, extra flexibility, cost savings and redundancy:

- Combine displays to create a video wall, driven by one FusionPro+ and seamlessly controlled by the Z-Configurator User Interface software
- Display any input on any output, including inputs horizontally spanned across displays
- Mount LCDs vertically to mimic portrait effect at much less cost
- Save on rack space and cost by combining two MultiViewers in one enclosure
- Build up a display wall using smaller, lower cost displays with no loss of functionality or control
- Ensure display device redundancy. Use ZdH to instantly route sources from the failed display to the remaining active display. A pre-loaded default recovery configuration is recalled in this eventuality

The range of resolutions supported using ZdH includes the popular plasma, LCD and projection system resolutions, and can be added to as new displays come to market.

**Audio Monitoring**

Analog audio (Option-AA) and AES/EBU audio monitoring (Option-DA) is provided by FusionPro+ plug in cards. Each card allows monitoring of 8 stereo channels. Audio level meters for 4 stereo pairs can be displayed per video window.

HD or SDI embedded audio is monitored via a firmware option (Option-EA). Once enabled, via license, this dis-embeds up to 8 channels of audio per HD/SDI source for monitoring and in-picture display. Up to 8 VU meters can be displayed per video window.

The audio level meters can be positioned in-border (AA/DA only) and in-picture (EA). Alarms such as audio loss, under and over levels, are visually indicated on screen.

The cards also provide a stereo audio output thus allowing any audio pair to be selected and monitored using an external amplifier and speakers. A disembedded SDI audio output can be provided with the inclusion of an audio board in the system. There is an audio follows video feature, which outputs the audio of a selected video source.

**Dynamic UMDs/Tallies**

FusionPro+ interfaces, as standard, to a selection of industry routers via the RS-422/485 interface. This ensures that source idents, or in-picture UMDs, and tally status are dynamically updated by the router or UMD controller. The channel idents are identified via system generated labels and tally status via tally lamps or color changes.

Additionally there are multiple GPI inputs and outputs for individual SD and HD video sources to trigger events such as tally display and to activate closures on alarm conditions.
Clocks

FusionPro+ can display multiple clocks in digital and analog format, with programmable offsets. The clock can be locked to an externally applied timecode (via Option-TC).

Dual Redundant Power Supply (3RU only)

The FusionPro+ 3RU frames have a hot-swappable frontloading redundant PSU option (Option-PSU) for easy access and service. With the addition of the second PSU the FusionPro+ provides a high reliability dual redundant load sharing arrangement. With both PSUs present, the loading on each supply is approximately 35% for a fully loaded system. In the unlikely event of one PSU failing, the redundant supply will take up the slack and operate at 70% of full load capacity. Maximum power consumption is less than 100W in a fully loaded system.

ZRP - Zandar Remote Panel

The ZRP is desktop control pad (Option-ZRP) that provides the user with push button control of one or more Zandar FusionPro+ MultiViewers.

Z-Configurator Software

Z-Configurator is the powerful new layout editing software that comes as standard with the FusionPro+ Series. The intuitive graphical user interface allows the configuration of layouts and system set-up. The creation of layouts couldn’t be simpler with the option to edit pre-loaded basic templates or create new layout styles which can be saved as templates for use at any time. This user-friendly software also allows flexible source assignment to any window in the layout.

FEATURES
- Drag & drop functionality
- Preset layout selection
- Online and offline layout editing
- Flexible configuration of all source views – resize, position, borders, style etc

Z-Configurator is a Windows application designed to run on any PC running Windows 2000 or Windows XP with an available RS-232 or RS-485 (422) serial port and/or TCP/IP connection.
**INPUTS**

**IN-VID2**: Dual Video Input Processor and Analog I/O Card
- Analog Video: Composite & Loop through or Y/C, GPI via RJ-45, × 2
- BNC connectors, NTSC, PAL or PAL-M, auto detect

**IN-SDI2**: Dual Video Input Processor and SDI I/O Card
- Digital Video: SDI × 2 (525/625) SMPTE 259M, 270Mb/s
- BNC connectors, Re-locked loop through
- GPI via RJ-45

**IN-HD-SDI2**: Dual Video Input Processor and HD-SDI I/O Card
- Video: HD-SDI × 2, SMPTE 292M, 1.485 Gb/s
- Supports 720p 59.94/60/50, 1080i
- Autodetect of SDI (525/625) SMPTE 259M, 270 Mb/s
- BNC connectors, Re-clocked loop through
- GPI via RJ-45

**IN-COMP2**: Dual Computer Input Processor and Computer I/O Card
- DVI-I mixed signal connectors (ref DVI)
- DVI × 2 (up to SXGA/60Hz), auto detect
- HD-D15 connectors (ref RGB)
- RGBHV/RGBs × 2 (up to SXGA/60Hz), auto detect
- Supports VGA, SVGA, XGA, SXGA and WXGA inputs with more to follow

**OPTION-AA**: Audio Processor and Analog Audio I/O Card
- Analog Audio: 8 stereo pairs, via HD-D37 connector
- Audio Output: Analog pair or AES/EBU, via Mini-Din

**OPTION-DA**: Audio Processor and Digital Audio I/O Card
- AES/EBU Audio: 8 channels, via HD-D37 connector
- Audio Output: Analog pair or AES/EBU, via Mini-Din

**OUTPUTS**
- 2 DVI (and/or RGBHV) outputs via DVI connectors
- Single output Programmable from VGA up to WUXGA or 1080p
- For Dual mode resolution contact Zandar sales
- Option-ZdH provides Dual Head display functionality

**WINDOW DISPLAYS**
- Move, re-size and crop windows to pixel accuracy
- Zoom windows to full screen size
- Picture-in-picture
- Up to 10 pre-sets built-in
- Big Picture Mode

**MODULARITY**
- From 2 to 8 (1RU) or 26 (3RU) channels by addition of plug-in cards
- Analog to SDI / HD-SDI upgrade requires change of I/O only
- Plug-in redundant PSU (3RU only)

**CONTROL INTERFACES**
- Front panel buttons access LCD panel menus
- GPIO, RS-232, RS-422/485, Ethernet
- Remote control via Z-Configurator software
- ZRP – Zandar Remote Panel for single touch control (optional)
The Predator HD4 incorporates Zandar’s powerful image processing and picture quality in a compact enclosure, and makes affordable HDTV monitoring a reality. Driven by the need for cost-effective display of HDTV sources, the HD4 provides significant cost savings over the use of HD monitor stacks.

The 1RU Predator accepts HD or SDI inputs. User selectable output resolutions include SXGA+, UXGA and 1080p, in addition to wide screen resolutions common to Plasma and LCD displays. The HD4 displays in quad or full screen mode and features input source auto-detection, embedded audio monitoring via in-picture bargraph display, audio fault detection and alarms, and video fault detection and alarms for loss of sync, frozen picture and black picture detection. The HD4 also supports dynamic UMD and tally display from external routers. Setup is simple and control is via the on-screen graphical display or the optional Zandar Remote Panel. GP inputs and outputs are also provided. Based on proven technology, the Predator HD4 is an excellent solution for broadcast monitoring applications where quality is critical and value important.

**FEATURES**

- 4 SDI or HD-SDI inputs
- Auto detect of SDI 525, 625, 720p or 1080i
- DVI output up to 1080p
- Multiple display resolutions, including SXGA+ and UXGA
- Quad display (2x2) or full screen
- In-Picture audio metering & alarms
- Video alarms
- Dynamic UMD/tally
- Front panel recall of On Screen Display (OSD) for system set-up and configuration
- Serial interfaces, GPI
- ZRP – Zandar Remote Panel (Optional)

**APPLICATIONS**

- Broadcast Monitoring in Studios, MCRs and OB Trucks
- Command & Control Room Monitoring
- Satellite Center & Cable Head-end Monitoring

**OPTIONS**

- ZRP - Zandar Remote Panel console for full-screen selection

**SPECIFICATIONS**

**INPUTS**

- 4 x HD/SD Video inputs via BNC
- Supports 1080i 50/59.94/60, 720p 50/59.94/60, SDI 525, SDI 625
- SMPTE 292M 1.485Gb/s, SMPTE 259M 270 Mb/s

**OUTPUTS**

- 1 x DVI output, 10 bit, via DVI-D connector
- User programmable up to 1080p
- 4 reclocked HD/SD looped outputs via BNC

**GRAPHICS OVERLAY**

- 16 text colors
- 16 border colors
- 3 tally lamps - red, green, yellow
- Audio bargraphs

**FAULT DETECTION & ALARMS**

- Loss of video sync
- Black picture
- Frozen picture
- Loss of audio / audio under-level
- Audio over-level

**CONTROL**

- Front panel buttons for Full Screen & Quad modes and access to the On Screen Display
- 1 x RS-232 port for control software or remote panel
- 1 x RS-232/422 port (user selectable) for external router connection or multi-system control
- 2 x GP Inputs, 2 x GP Outputs per video input, via RJ45
- ZRP – Zandar Remote Panel for single touch control

**ZAN/B/001 Rev D**

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The Predator HD8 combines an unprecedented level of functionality with industry leading display quality. The HD8 includes, as standard, ZdH – Zandar Dual Head control. This compact 1RU system can, therefore, be used to display 8 images on one ultra high resolution display OR mode-switched to display 8 images across two displays – with no limitation on the placement of those sources within the super-screen. At its simplest, the HD8 provides DualQuad functionality – two HD Quad MultiViewers in a 1RU system. This level of flexibility ensures operator needs are met in the most effective manner.

The Predator HD8 offers user selectable output resolutions up to SXGA+, WUXGA and 1080p, in addition to wide screen resolutions common to Plasma and LCD displays. The HD8 features input source auto-detection, embedded audio monitoring and alarms, and video fault detection and alarms. The HD8 also supports dynamic UMD and tally display from external routers, and clock and timecode display. Set-up is simple and control is via the on-screen graphical display (OSD), the flexible Z-Configurator layout editing software and the optional Zandar Remote Panel (ZRP). GPI inputs and outputs are also provided. Based on proven technology, the Predator HD8 is an excellent solution for broadcast monitoring applications where quality is critical and flexibility demanded.

FEATURES
• 8 SDI or HD-SDI inputs
• Auto detect of SDI 525, 625, 720p or 1080i
• DVI output up to 1080p
• Multiple display resolutions, including SXGA+ and WUXGA
• In-Picture audio metering & alarms
• Video alarms
• Dynamic UMD/tally
• Front panel recall of On Screen Display (OSD) for system set-up and configuration
• Layout Configuration Software (Z-Configurator)
• Serial interfaces, GPI, Ethernet
• ZRP – Zandar Remote Panel (Optional)

APPLICATIONS
• Broadcast Monitoring in Studios, MCRs and OB Trucks
• Command & Control Room Monitoring
• Satellite Center & Cable Head-end Monitoring

OPTIONS
ZRP - Zandar Remote Panel console for layout/full-screen selection
TC - Plug in module for synchronization to master clock

SPECIFICATIONS

INPUTS
• 8 x HD/SD Video inputs via BNC
• Supports 1080i 50/59.94/60, 720p
50/59.94/60, SDI 525, SDI 625
• SMPTE 292M 1.485Gb/s,
SMPTE 259M 270 Mb/s

OUTPUTS
• 1 x DVI output, 10 bit, via DVI-I connector
• User programmable up to 1080p
• 8 reclocked HD/SD looped outputs via BNC

GRAPHICS OVERLAY
• 16 text colors
• 16 border colors
• 3 tally lamps - red, green, yellow
• Audio bargraphs

FAULT DETECTION & ALARMS
• Loss of video sync
• Black picture
• Frozen picture
• Loss of audio / audio under-level
• Audio over-level

CONTROL
• Via the On Screen Display
• Remote control via Z-Configurator software
• 1 x RS-232 port for control software or remote panel
• 1 x RS-232/422 port [user selectable] for external router connection or multi-system control
• Ethernet control, via RJ45
• 2 x GP Inputs, 2 x GP Outputs per video input, via RJ45
• ZRP – Zandar Remote Panel for single touch control (optional)
The DX Series MultiViewers are versatile, cost-effective solutions for a wide range of broadcast applications.

The MultiViewers’ 1RU compact design delivers modular configurations for 4, 8, 12 or 16 SDI or composite inputs, with auto detect of NTSC, PAL or SDI formats. Composite, component, SDI and line doubled VGA outputs provide customers with a wide range of flexible display options. Front panel controls and remote control via RS-232/422 provide the user with the ability to view real-time multiple images in various pre-configured displays. Optional software allows user configuration of displays, and multi-system control, while options also exist for in-picture audio monitoring of analog, AES/EBU and SDI embedded audio. Standard alarm features include loss of video sync, black picture & frozen picture detection.

**FEATURES**
- Compact 19” 1RU enclosure
- 4, 8, 12 or 16 SDI or composite video inputs
- Auto detect of NTSC, PAL or SDI inputs
- Video outputs - composite & Y-Y or YUV, SDI x 2
- VGA output (line doubled)
- Selection of pre-set displays
- Full screen display of any input
- Built-in character generator for source identification, font size choice
- Real-time clock & date
- Individual border colors for tally/alarm status
- Tally lamps
- Audio Monitoring
- Front Panel Controls/menus for configuration
- RS-232/422 control
- GPIO/Alarm triggers for layout and full-screen recall
- Loss of sync detection
- Black picture detection
- Frozen picture detection
- SNMP software module
- ZRP – Zandar Remote Panel (Optional)

**APPLICATIONS**
- Broadcast Monitoring in Studios, MCRs and OB Vans
- Satellite Center & Cable Head-end Monitoring
- Multi-image effects generation for: Live Events, Studio Back-drops & Public Information Display

**ZRP - Zandar Remote Panel console for layout/full-screen selection**

**Z-Editor - Layout editing software. Graphical User Interface software allows user design of displays, picture re-size, position and crop. Runs on any PC with MS® Windows connected serially to the DX MultiViewer.**

**UMD/Tally Router Interface Software - Provides interface to select routers for in-picture display of UMDs or source identification and tally status.**

**ZAM Audio Monitoring - See adjoining page**

**EA Embedded Audio - In-Picture Audio Monitoring of 2 or 4 channels of SDI embedded audio per video channel. Cannot be combined with option ZAM.**

**SPECIFICATIONS**

**INPUTS**
- SDI (525/625) SMPTE 259M 270 Mb/s
- Composite video
- Auto detect of SDI, PAL or NTSC per input
- PAL-M can be set manually

**OUTPUTS**
- 2 SDI
- 1 composite & Y-C or YUV/RGB
- VGA output (line doubled) 704 x 480p or 704 x 576p

**GRAPHICS OVERLAY**
- 16 text colors
- Half tone video background for text
- 16 border colors
- 3 tally lamps - red, green, yellow
- Real-time clock & date
- Audio bargraphs (if option installed)

**WINDOW DISPLAYS**
- Presets built-in - 4x4, 12+1, 3x3, 2x2
- Also 7+1, 5+1, 4x3, 8+2
- Four programmable layouts on DX-4
- Picture re-size, move and crop to pixel accuracy via optional Layout Editor software
- Up to 16 unique layers for picture-in-picture

**MODULARITY**
- Upgradeable from 8 to 12 and 16 channel configurations

**CONTROL INTERFACES**
- Front Panel buttons access LCD panel menus
- RS-232, RS-422/485
- GPIO
- ZRP - Zandar Remote Panel for single touch control (optional)

**VIDEO ALARMS DETECTION**
- GPIO/Alarm triggers for layout and full-screen recall
- Loss of sync detection
- Black picture detection
- Frozen picture detection

**ZAN/B/001 Rev D**

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Cost-effective audio monitoring is as important as video monitoring in broadcast control rooms. The ZAM system combined with the DX Series MultiViewers provides the solution. Fully integrated with the DX via a serially connected 1RU ZAM-8/-16/-24/-32 system, the ZAM displays real-time, in-picture VU meters on the DX output display. This combination provides an operator-friendly environment for monitoring multiple video and audio sources in one location, on one single display.

The ZAM accepts up to 32 channels of analog or AES/EBU audio, configured as 16 stereo pairs. The bargraph display is superimposed on each video channel with a half-tone video background, ensuring optimal visibility while maximizing the effect on the picture. Alarms for audio loss, carrier loss, over-level and anti-phase are indicated via in-picture text.

**FEATURES**
- Compact 1RU, 19” enclosure, 115VAC or 230VAC
- Mixed analog or AES/EBU audio inputs (specify at time of order), grouped as 4 stereo pairs
- In-picture color bargraph displays
- Selection of fixed height bargraphs
- Six meter standards
- Alarms for audio loss, carrier loss, over-level and anti-phase
- In-picture alarm status indicators
- Composite video output for menu selections
- ZAM is configured using On-Screen Display interface
- ZAM interfaces to MultiViewer via serial connection
- ZAM outputs 5V TTL signal for alarm triggering
- Choice of two (stereo) or four (4-channel) audio bars per DX video window, up to a maximum of 32 channels
- Audio bars can be displayed or hidden on a per video window basis
- A single ZAM system can be allocated to multiple DX units

**ZAM CONFIGURATION**

The ZAM front panel provides the interface for the DX audio meter configuration. The ZAM On-Screen Display is viewed on the composite output and from here the user configures the metering scale and alarm conditions. From the DX front panel, the user can select options for 2 or 4 audio channel display per video window, and the allocation of ZAM audio channels across multiple DX units (if applicable).

**CONNECTION OF MULTIPLE DX SYSTEMS & ZAM-32**

Connection of DX & ZAM-32

<table>
<thead>
<tr>
<th>Video Sources</th>
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<th>RS-422 serial cable</th>
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<td>DX Multiviewer</td>
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<tr>
<td>Channels 1-8 (4 pairs)</td>
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<th>RS-422 drop cable to other DXs (up to 4)</th>
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<tbody>
<tr>
<td>DX Multiviewer</td>
</tr>
<tr>
<td>Channels 1-8 (4 pairs)</td>
</tr>
<tr>
<td>Channels 9-16 (4 pairs)</td>
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<tr>
<td>Channels 17-24 (8 pairs)</td>
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</tbody>
</table>

32 Channels / 16 pairs
The MX Analog Series MultiViewers are versatile, cost-effective and easy to operate four to sixteen input video screen splitters. The MultiViewers provide a cost effective solution for a wide range of applications in presence or confidence monitoring. Single touch operation provides the ability to view real-time multiple images in various pre-configured displays. Each image can also be seen full screen. Control is via the front panel buttons or remotely via the RS-232/422 serial interfaces. The front panel LCD display show menus for user configuration of channel ID, borders, clock & date and the GPIO lines.

**SPECIFICATIONS**

**INPUTS**
- Composite video via BNC
- NTSC or PAL input combinations, in blocks of 4

**OUTPUTS**
- 1 composite & Y-C or YUV/RGB
- VGA Output (line doubled) 704 x 480p or 704 x 576p

**GRAPHICS OVERLAY**
- 16 text colors
- Half tone video background for text
- 16 border colors
- Real-time clock & date

**WINDOW DISPLAYS**
- Presets built-in - 4x4, 12+1, 3x3, 2x2
- Also 7+1, 5+1, 4x3, 8+2

**MODULARITY**
- Upgradeable from 8 to 16 channel configurations

**CONTROL INTERFACES**
- Front Panel buttons access LCD panel menus
- RS-232, RS-422
- GPIO
- ZRP - Zandar Remote Panel for single touch control (one per unit)

**FEATURES**
- Compact 19’’ 1RU enclosure
- 4, 8, 12 or 16 composite video inputs
- Analog Video outputs - composite & Y-C or YUV
- VGA output (line doubled)
- Selection of pre-set displays
- Custom displays on request
- Full screen display of any input - via front panel GPI or RS-232
- Built-in character generator for source identification
- Real-time clock & date
- GPIO/Alarm triggers
- Individual border colors for tally/alarm status
- Loss of sync detection
- ZRP – Zandar Remote Panel (Optional)

**APPLICATIONS**
- CCTV/Security real-time video monitoring
- Broadcast multi-channel monitoring
- Video-conferencing

**OPTIONS**
The Zandar Remote Panel, ZRP, is a desktop control pad that provides the user with push button control of one or more Zandar MultiViewers, including FusionPro+, Predator, DX and MX Series MultiViewers.

The ZRP has a 4 line LCD screen, a numeric keypad, navigation arrows and a number of function buttons. The functions permitted depend on the capabilities of the MultiViewer models connected.

**FEATURES**

- Single touch operation for:
  - Layout Recall
  - Full-screen or Big Picture
  - Audio Out
  - Alarms On/Off

- Controls multiple units - FusionPro+, Predator, DX only

- RS-232 or RS-485 (Multi-drop) interfaces

- External Power Supply provided