

# ADPRO<sup>®</sup> Fast Scan *Mini*

## Video Transmission System for Small Sites

### Data Sheet

ADPRO<sup>®</sup> Fast Scan Mini provides an affordable, high quality remote monitoring solution for small to medium sites. Ideal for the business owner who wants to monitor their business remotely or the larger organisation that wants to monitor a number of sales or service outlets.

Using standard or digital telephone lines, fast viewing of alarm images and optional simultaneous bi-directional audio communication allow accurate verification of remote site activities.

#### Features

- Simultaneous multiple post-alarm image capture and management.
- Simultaneous video and bi-directional audio transmission over the same communication link.
- Picture updates on PSTN systems in less than half a second (much faster on ISDN).
- Automatic alarm generation for camera or cable failure.
- Unique fast auto-sequencing guard tour and quad display.
- Outstanding colour or black and white picture quality with up to 928 x 576 pixel (PAL) and 752 x 480 pixel (NTSC) resolution, full colour range and 256 grey levels.
- 5 video and alarm inputs
- Compatible with ADPRO<sup>®</sup> Fast Scan Receivers and ADPRO<sup>®</sup> Video Central PC-based video receiver.
- On screen local and remote setup in English, French, German, Italian or Spanish.
- 12VDC operation.

#### Quality Pictures, Fast!

Digital colour or black and white images captured in the transmitter at up to 928 x 576 pixel (PAL) and 752 x 480 pixel (NTSC) resolution provide the best possible pictures for verification. The digitisation of the full range of colours and the maintenance of 256 intensity (grey) levels ensure no picture information is lost, even with poorly illuminated scenes.

Digital image compression and proprietary conditional refreshment techniques provide rapid initial image transmission and the fastest updates of all activity.



#### No Alarms Missed

Automatic transmission and storage of 6 high quality colour or black and white snapshot images from 2 separate alarm events eliminates the threat of decoys, the downfall of less sophisticated systems. Automatic simultaneous displays of stored alarm and live images, in a quad format, allow the most rapid and accurate assessment of site activity.

#### Control of Remote PTZ Cameras

Use the transparent data port feature to connect a keyboard to suitable PTZ cameras at remote sites or other equipment.

#### View Images from all Cameras

Use the Guard Tour feature to step to all cameras for a complete update on site activity.

#### Two-way Audio

Integrated listening ability assists the alarm verification process, while transmission of the operator's voice to the site provides instant intruder control.

#### Local or Remote Setup

Setup transmitter parameters from a central site to eliminate the need for travel. Site changes can also be made by direct connection of a keyboard.

## Specifications

### Video Inputs

5 video channel inputs, 1V p/p video input, 75-ohm or high impedance (switchable).

### Video Output

1 video output designed to drive a 75-ohm load.

### Alarm/Control Inputs

5 external alarm inputs that trigger an alarm and store images from the corresponding video channel. Programmable to trigger on contact opening or closure.

### Alarm/Control Outputs

Form C, single pole, changeover, general alarm relay.

2 open collector control outputs corresponding to the control inputs of the Receiver.

### Image Transmission Time

The first image transmission time is a function of the selected picture quality, scene complexity and communication interfaces. Typical figures are: PSTN 1-5 seconds, ISDN 0.2-1.5 seconds. Update times for subsequent images can be less than 0.2 seconds, depending on scene changes and communication rates.

### Image Resolution

Colour or black and white.

Intensity - 256 grey levels; spatial resolution selectable between: 928 x 576, 928 x 288, 464 x 288, 304 x 288, 232 x 288 (PAL/CCIR). 752 x 480, 752 x 240, 376 x 240, 250 x 240 (NTSC/RS170).

### Audio Input/Output

Available on Fast Scan Mini A model only. Bi-directional audio communication between the Transmitter to Receiver on links greater than 14.4kbps, 300 Hz to 3.3 KHz band-width, 1V p/p (typ), 1.5V p/p (max). Three selectable audio compression qualities depending on available link speed.

### Communication Link

Telephone line (PSTN), ISDN (Digital 56 kbps or greater), Cellular phone link, RF link.

### Communications Interface

Asynchronous or synchronous (programmable). RS232 interface (8 data bits, no parity, max baud rate = 192 kbps). Hayes (AT protocol), or X.21 using VM52 adaptor.

### Transparent RS232 Data Port

Bi-directional RS232 data link for transparent control of third party equipment or devices such as PTZ camera stations.

### System Control & Setup

A separate programmer provides secure parameter entry and system programming.

### Power Requirements

10 - 15VDC, 11 watts (max) at 12VDC.

### Construction and Dimensions

Metal enclosure for interior shelf or wall mounting. Cable access on one side only.

365mm (14.2") L x 205mm (8.0") W x 65mm (2.5") D.  
Installation guide available.

### Weight

2.6 kilograms (5.7 pounds)

### Operating Conditions

Operating temperature range 0°C-50°C (32°F-122°F).

Humidity less than 90% non-condensing.

### EMC Compliance

Emissions: Class A compliance to EN55022, CISPR 22, FCC Part 15, AS/NZS 3548.

Immunity: EN50130-4.

### Electrical Safety

IEC950, AS/NZS 3260 when used with suitably compliant power supply.

### Warranty

Twelve (12) months.

### Compatible Receivers

- ADPRO® Fast Scan CA and Fast Scan Series III CA
- ADPRO® Video Central

## Ordering Options

### Fast Scan Mini

- FSM-TX-PAL - Fast Scan Mini Transmitter (PAL).
- FSM-TX-NTSC - Fast Scan Mini Transmitter (NTSC).

### Accessories

- VM87 Programmer
- VM21 Relay Card, for the Alarm/Control Outputs of a Transmitter or Receiver
- VM52 X.21 Adaptor,
- VM22A Audio Switcher

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