

# Video Monitoring Product Range

| MODEL                                | CVM 3051 ISH            | CVM 3237 ISH | ADVM 10E         | ADVM 14E     | ADVM 20E        | ADVM 28E     | CVM 3051 IM | HDM 5049         | Vivaldi II                 | UNO                            | UNO PRO     | CBM 5049              |
|--------------------------------------|-------------------------|--------------|------------------|--------------|-----------------|--------------|-------------|------------------|----------------------------|--------------------------------|-------------|-----------------------|
| Application                          | Master Control Monitors |              | Viewing Monitors |              |                 |              |             | HDTV             | Multi-Image Display System | Single Image Display Processor |             | Broadcast VGA Monitor |
|                                      |                         |              |                  |              |                 |              |             |                  | D and/or A                 | SDI D-to-A                     | UNO + 480p  |                       |
| <b>CRT</b>                           |                         |              |                  |              |                 |              |             |                  |                            |                                |             |                       |
| Size / Type                          | 20" / DIL / DAF         | 14" / DIL    | 10" / DIL        | 14" / DIL    | 19" / DIL / DAF | 28" / SIL    | 20" / DIL   | 17" / DIL / 16:9 | -                          | -                              | -           | 19" / DIL / DAF       |
| Phosphor                             | P22 / ASP               | P22          | P22              | P22          | P22             | P22          | EBU / ASP   | Standard         | -                          | -                              | -           | Standard              |
| Pitch (mm)                           | 0.28                    | 0.28         | 0.5              | 0.28         | 0.26            | 0.8          | 0.43        | 0.26             | -                          | -                              | -           | 0.26                  |
| Resolution ( TV lines )              | 950                     | 750          | 350              | 750          | 1000            | 500          | 700         | 1000             | -                          | -                              | -           | 1000                  |
| <b>INPUTS</b>                        |                         |              |                  |              |                 |              |             |                  |                            |                                |             |                       |
| Composite                            | 3                       | 3            | 2                | 2            | 2               | 2            | 3           | X                | ≤ 4                        | X                              | X           | X                     |
| RGB + EXT Sync                       | ●                       | ●            | X                | X            | X               | X            | ●           | ●                | X                          | X                              | X           | ●                     |
| R-Y / Y / B-Y                        | ●                       | ●            | X                | X            | X               | X            | ●           | X                | X                          | X                              | X           | X                     |
| S-VHS                                | ●                       | ●            | ●                | ●            | ●               | ●            | ●           | X                | X                          | X                              | X           | X                     |
| Serial Component Digital CCIR 601    | ○                       | ○            | ●                | ●            | ●               | ●            | ○           | X                | ≤ 4                        | ●                              | ●           | X                     |
| Audio ( 5 inputs )                   | ○                       | ○            | X                | X            | X               | X            | ○           | X                | X                          | X                              | X           | X                     |
| <b>DECODERS / INTERFACES</b>         |                         |              |                  |              |                 |              |             |                  |                            |                                |             |                       |
| QUAD ( PAL, SECAM, NTSC 3.58/4.43 )  | ●                       | ●            | ●                | ●            | ●               | ●            | ●           | X                | M                          | X                              | X           | X                     |
| PAL M / NTSC                         | ○                       | ○            | ●                | ●            | ●               | ●            | ○           | X                | M                          | X                              | X           | X                     |
| PAL N / NTSC                         | ○                       | ○            | ●                | ●            | ●               | ●            | ○           | X                | M                          | X                              | X           | X                     |
| Analog Component                     | ●                       | ●            | X                | X            | X               | X            | ●           | X                | X                          | X                              | X           | X                     |
| Zoom or line doubler                 | -                       | -            | -                | -            | -               | -            | -           | -                | ○                          | ●                              | ●           | -                     |
| Frame doubler (480p / 30 Mc)         | -                       | -            | -                | -            | -               | -            | -           | -                | X                          | X                              | ●           | -                     |
| Dig. Interface 10-bit                | ○                       | ○            | ●                | ●            | ●               | ●            | ○           | x                | C                          | ●                              | ●           | X                     |
| <b>FEATURES</b>                      |                         |              |                  |              |                 |              |             |                  |                            |                                |             |                       |
| AKB                                  | ●                       | ●            | ●                | ●            | ●               | ●            | ●           | ●                | -                          | -                              | -           | ●                     |
| Auto color alignment                 | ●                       | ●            | ●                | ●            | ●               | ●            | ●           | ●                | ●                          | ●                              | ●           | □                     |
| Underscan / Overscan                 | ●                       | ●            | ●                | ●            | ●               | ●            | ●           | X                | -                          | -                              | -           | ●                     |
| Int. White Field generator           | ●                       | ●            | ●                | ●            | ●               | ●            | ●           | X                | ●                          | ●                              | ●           | □                     |
| Menu assistance                      | ●                       | ●            | ●                | ●            | ●               | ●            | ●           | X                | ●                          | ●                              | ●           | ●                     |
| Adaptive Comb                        | ○                       | ○            | ●                | ●            | ●               | ●            | ○           | X                | X                          | -                              | -           | -                     |
| 16/9 format switching                | ●                       | ●            | ●                | ●            | ●               | ●            | ●           | -                | ■                          | ■                              | ■           | □                     |
| Pulse cross                          | ●                       | ●            | ●                | ●            | ●               | ●            | ●           | X                | ●                          | ●                              | ●           | X                     |
| Videotext                            | ●                       | ●            | X                | X            | X               | X            | ●           | X                | X                          | X                              | X           | X                     |
| Closed Captioning                    | ●                       | ●            | ●                | ●            | ●               | ●            | ●           | X                | X                          | X                              | X           | X                     |
| UMD                                  | X                       | X            | X                | X            | X               | X            | X           | X                | ●                          | ●                              | ●           | X                     |
| MRC 3000 controllable                | ●                       | ●            | ●                | ●            | ●               | ●            | ●           | X                | ●                          | ●                              | ●           | X                     |
| Safe Area Display                    | ●                       | ●            | X                | X            | X               | X            | ●           | X                | X                          | X                              | X           | X                     |
| <b>PHYSICAL</b>                      |                         |              |                  |              |                 |              |             |                  |                            |                                |             |                       |
| 19" Rack Mountable                   | ●                       | ●            | ●                | ●            | ●               | -            | ●           | ●                | ●                          | ●                              | ●           | ●                     |
| 19" Rack Units height                | 9                       | 6            | 5                | 6            | 8               | -            | 9           | 8                | 2                          | 1                              | 1           | 8                     |
| Width : mm / inch                    | 448 / 17.63             | 448 / 17.63  | 222 / 8.75       | 335 / 13.2   | 428.5 / 16.9    | 595 / 23.45  | 448 / 17.63 | 430/16.93        | 483 / 19.00                | 219 / 8.62                     | 219 / 8.62  | 430/16.93             |
| Height (feet incl.) : mm / inch      | 421 / 16.57             | 287 / 11.29  | 227 / 9.05       | 273 / 10.7   | 362 / 14.3      | 478 / 18.8   | 421 / 16.57 | 335/13.19        | 88 / 3.64                  | 44 / 1.73                      | 44 / 1.73   | 335/13.19             |
| Depth (Connectors incl.) : mm / inch | 549 / 21.61             | 454 / 17.87  | 439.5 / 17.3     | 466.5 / 18.4 | 545.5 / 21.5    | 554.3 / 21.8 | 549 / 21.61 | 510/20.08        | 471 / 18.54                | 340 / 13.39                    | 340 / 13.39 | 510/20.08             |
| Weight : kg / lbs.                   | 32 / 71                 | 19 / 42      | 10 / 22          | 15 / 33      | 26.7 / 58.8     | 45 / 99      | 32 / 71     | 30 / 66.14       | 7.3 / 16.09                | 1.2 / 2.6                      | 1.2 / 2.6   | 30 / 66.14            |



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ISH : In line Super High resolution

IM : In line Medium resolution

- : Not applicable

DIL : Dot In Line

SIL : Slot in line

DAF : Dynamic astigmatic focus

● : Standard

○ : Optional

□ : Possible with Vivaldi

■ : Only with CBM 5049

X : Not possible

M : Mono standard, PAL, Pal M, Pal N or NTSC 3.58

C : Configuration dependent