

RAM-300S

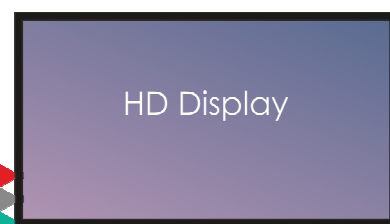
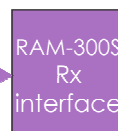
Cat.5/6 VGA receive interface—0-300m with skew correction



- 0-300m cat.5/6 cable
- Auto-adjusting for cable length
- Skew correction for cat.6
- Made in UK
- Low-power design, line powered
- Mau-jo and duplicat compatible



up to 300m cat.5/6 cable



overview

The RAM-300S is a premium specification VGA receive interface for applications where only the best will do. In practice, using HD signals, The RAM-300S delivers video results which challenge HDMI or DVI but can be delivered on up to 300m of cable—i.e. well in excess of what is currently achieved digitally.

Skew correction removes the differential colour delay which can be very noticeable when using long lengths of cat.6 and even cat.5e cable.

The RAM-300S is the premium receive interface in the well-proven and reliable mau-jo range. Despite its many strengths and features, the RAM-300S range is priced attractively against alternatives.

video

Resolutions of up to 1920x1200 are guaranteed. This is in excess of 1080p or 'HD'. Automatic EQ ensures sharp images prior to the manual de-skew process. A manual override is provided for fine tuning of sharpness. A fix-and-forget simple 3-pot adjustment takes care of skew alignment using a simple test pattern. Correct sync polarity is maintained which eliminates unwanted screen shifts seen with other systems.

audio

The A-suffix models are supplied with the trusted MauveCom audio module to deliver hifi quality stereo audio to your display.



RS232

Bi-directional RS232 control can be passed using the A-2RS version. In this way, networks of displays can be switched from a central AV controller. The A-RS version has RS232 only in the downstream direction.

power

The RAM-300S needs no local PSU but takes power from the cat.5/6 cable. Thanks to low power design techniques, this is possible up to the full 300m cable length. Alternatively, the PSU can be attached to the RAM-300S directly and line power is delivered to the Tx end via the cat.5/6 cable. Thanks to innovative circuitry, the power consumption of a TX/Rx system without audio is typically less than 1.5W.

dimensions

width: 111mm
Length: 120mm inc flange
Height: 25.5mm



ordering

RAM-300S (no audio or RS232)
RAM-300SA-RS (with audio and 1-way RS232)
RAM-300SA-2RS (with audio and 2-way RS232)

All versions are stock items. Systems integrators should check with MauveCom for current pricing