

XGA C300

XGA NETWORK DATA/VIDEO PROJECTOR

The Practical Network Projector

High brightness: impressive 3000 ANSI lumens

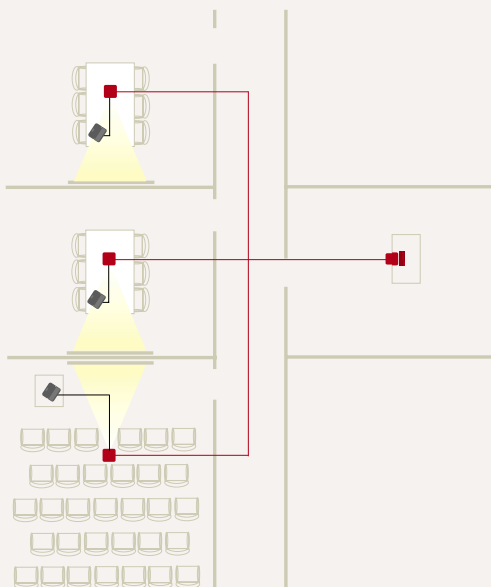
Unmatched video quality: HDCP and PureProgressive™ scan

Silent (34 dB) operation to minimise audience distraction

Easily installed, with RS232 for control from any standard control room and/or panel

Asset management through corporate network





ASSET MANAGEMENT

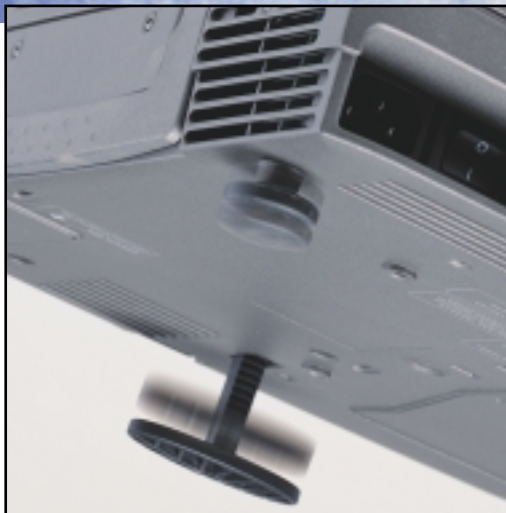
The ASK C300 supports standard asset management over the corporate network. In this way, remaining lamp life, projector status and service needs can be monitored from the IT department. IT can get statistics on the utilisation of the projectors, track costs and keep TCO (total cost of ownership) down, which facilitates planning and collecting audit information.

The C300 can be configured or re-configured over the network, which makes it easier to support the projector.

The C300 supports standard network connections and protocols.

- TCP/IP protocol for connection to LANs, WANs and the internet.
- DHCP – the C300 can be automatically assigned an IP address from the DHCP server, or this function can be overridden and the IP address entered manually.
- System integrators can choose between controlling the C300 through the traditional RS232 serial interface, or through TCP/IP.

Asset management is done through a Microsoft Management Console snap-in, the InFocus software. This system allows control and administration of multimedia projectors from a remote console. It is designed as a server-based system to ensure accurate information regardless of whether a given projector is on, in stand-by mode, or completely powered off.



The Filter can easily be taken out for cleaning and replacement.

NETWORK PROJECTOR

Open standard networking with TCP/IP and asset management through Microsoft's Management Console and InFocus' software. With impressive 3000 ANSI lumens, vivid colours, a contrast ratio of 800:1, whisper-quiet operation and simply excellent video display, you get a leading edge presentation tool that can be connected to your LAN, WAN, VPN or to the internet. The ASK C300 combines the latest projection technology with network control and asset management.

ASSET MANAGEMENT

The standard network connection of the C300 allows command and control through the corporate network. The projector can be constantly tracked, keeping control over remaining lamp life, set up, projector status and use. The C300 uses open standards to make certain that the projector can be controlled through any network.

WELL-CONNECTED

The ASK C300 can connect to virtually any source. Ordinary VGA, of course, but also BNC connectors to easily replace already installed projectors; fully digital DVI input to give totally loss-free signals; wide video compatibility, with Y, Pb, Pr, and RGB component video, HDTV



compatibility, and as one of the first projectors in the world the C300 supports HDCP (High bandwidth Digital Content Protection) and digital video through DVI. USB and PS/2 mouse control, TCP/IP protocol, a standard RJ45 network connection and RS232 control for installations, compatible with control systems like AMX and Crestron - well-connected indeed.

This versatile projector allows multiple configurations of video and data sources to be connected simultaneously, and the high bandwidth ensures wide compatibility.

EASY TO USE, EASY TO MOVE

The ASK C300 is easy to use, with automatic source detection and set up, an icon and text-based menu system similar to the well-known Windows® interface, and the award-winning BatMouse™ IV remote control. The low weight of 6 kg and ease of set up makes the C300 ideal for moving between meeting rooms.

The network control features mean that an IT department can control set up and configuration centrally. For installations, it can be controlled either through the RS232 connection or through the TCP/IP protocol.

STUNNING DISPLAY

Shining brightly with 3000 ANSI lumens, and with a contrast ratio of 800:1, the ASK C300 has great image dynamics with vivid, saturated colours. Designed for medium to large conference rooms, it has the clarity and brightness needed for large images.

The high contrast and detailed graphics lets the C300 give a cinema-like experience when showing video, using advanced video processing from Silicon Image for line doubling and smooth images. The Digital Visual Interface (DVI) connector allows loss-free connection for both data and video, utilising HDCP.

QUIET AND BUSINESS-LIKE

The C300 operates whisper quiet at below 34db(A), letting your audience see your presentation without distraction. For the user's convenience, all functions can be controlled both from the BatMouse IV remote and from the projector keypad, or from a wired remote in installation environments. Monitor loop-through lets a presenter watch the presentation while facing the audience.

The C300 has many features, but it is designed to facilitate communication, without the technology getting in the way.



PureProgressive™
Silicon Image

EXCELLENT VIDEO

The advanced video processing converts existing standard definition video from DVD, videotape, laser disc, satellite or standard broadcast television to a near high-definition signal, dramatically improving the video image.

VIDEO PROCESSING FEATURES

- Motion-adaptive video deinterlacing
- Source adaptive processing
- Film mode detection with 3:2 and 2:2 pulldown
- Auto-dynamic thresholds enable reliable 3:2 pull down & 2:2 pull down detections even with noisy sources
- Source Transition Management provides seamless transitions between source types
- Motion detection on per-pixel basis
- Four input fields used to determine contents of each output frame
- Cubic interpolation for pixel calculations
- Diagonal processing reduces "jaggies"
- Low-noise, high-accuracy 10-bit video DACs
- HDCP - High bandwidth Digital Content Protection - allows DVD and Digital video through the DVI port for outstanding quality.





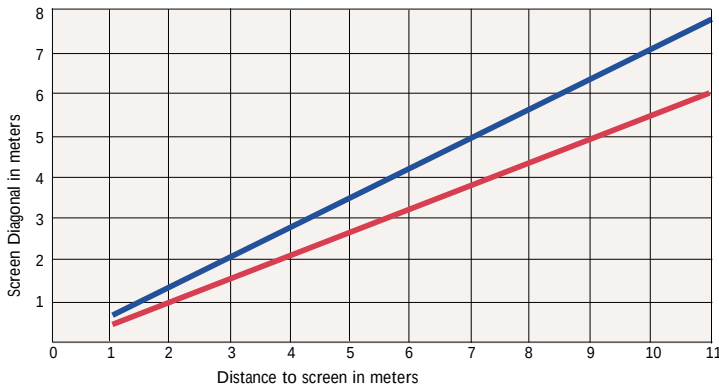
Screen Sizes:

Screen width

Distance to screen	1.10	2.00	4.00	6.00	8.00	10.00	10.70
Minimum Width in meters	0.49	0.89	1.78	2.67	3.56	4.44	4.75
Maximum Width in meters	0.63	1.43	2.28	3.43	4.57	5.71	6.11

Screen diagonal

Distance to screen	1.10	2.00	4.00	6.00	8.00	10.00	10.70
Minimum Diagonal in meters	0.61	1.11	2.23	3.34	4.45	5.55	5.88
Maximum Diagonal in meters	0.73	1.43	2.85	4.29	5.71	7.13	7.63



Specifications

Compatibility

Computer	Digital and analog PC, MAC, Workstation, 1400 x 1050 max resolution RGBHV, RGBS, RGsB
Video	HDCP, YPbPr, RGB, HDTV (1080i, 720p), S-Video, Composite Video PAL BGHI, M, N, SECAM, NTSC 3.58/4.43
Horizontal Scan Rate	15 - 100 kHz
Vertical Scan Rate	43.5 - 130 Hz
Bandwidth, Dot Clock	165 MHz analogue, 112 MHz digital
Mouse Control	USB, PS/2, MS Serial TCP/IP, RS232, USB, Wired remote

Display

Technology	1.3" PolySilicon LCD x 3 with MLA (Micro Lens Array)
Resolution	1024 x 768
Brightness	3000 ANSI lumens
Contrast Ratio	800 : 1 (typ)
Lamp	270W SHP / up to 1500 hrs
Colours	16.7 Mill

Optics

Lens	1.3x Manual Zoom and Focus, f = 47 - 61 mm, F/1.8 - 2.1
Image Size	0.5 - 7.8m / 27 - 300" diagonal
Throw Distance	1.1 - 11m / 4 - 36ft.
Throw Ratio	1.75 - 2.24 : 1 (distance : width)
Keystone Correction,	Optical 11.5 - 15.5 degrees, 9 : 1 up/down ratio

Connectivity

Computer 1, 2	15-pin DSUB (VGA / VESA)
Computer 3	BNC x 5
Computer 4	DVI-D
Computer Audio	3.5 mm Stereo mini jack x4
Mouse Control	USB / 6-pin PS/2
RGB/Component Video	BNC x 3
Video	RCA
S-Video	4-pin mini DIN
Video Audio RCA Stereo Audio	
Monitor Out	15-pin DSUB (VGA / VESA) (Analog Computer in only)
Audio Line Out	RCA Stereo Audio
RS-232 Control	9-pin DSUB
Wired Remote Control	2.5mm mini jack
Speakers	5W Stereo speakers, integrated 20W subwoofer

Network

Protocol	TCP/IP based
Connection	RJ-45 10baseT standard
Features	Asset management, TCP/IP control, Command and Control

Metrics

Size (W x L x H)	322x352x130mm
Weight	6.0 kg
Operating Noise	< 34 dB (A)

Supplied Material

Cables	Coaxial VGA cable, 4m A/V cable, 4m Power Cord, 4m USB mouse cable, 4m
Accessories	Dust Cover Remote Control Lens cap Scart Adapter Users' Guide MS Serial mouse adapter PS/2 Mouse adapter

General

Conformances	CE, UL, cUL, IRAM, NOM, FCC Class A
Warranty	Two-years parts and labour
Lamp warranty	90 days/500 hrs.
Operating temp	10 - 35 C, 50 - 95 F (ambient operating)
Power Supply	100 - 240V, 50/60 Hz
Power Consumption	<400 W normal operation



InFocus ASA
K. G Meldahl vei 9,
Postboks 1403
N-1602 Fredrikstad
Norway
Tel.: +47 69 38 11 00
Fax: +47 69 34 06 32
E-mail: marketing.europe@infocus.com

www.askprojectors.com