

VDSL调制解调器

产品名称	VDSL调制解调器
公司名称	上海初成信息科技有限公司
价格	.00/个
规格参数	
公司地址	上海市金山区金山卫镇钱圩建元路771号
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产品详情

ethernet distance extension via coaxial

the ccpam1001 has high-performance ethernet-over-vdsl2 product that converts between twisted pair (utp) and coaxial. it is based on two core networking technology: ethernet and vdsl2 (very-high-data-rate digital subscriber line 2). this technology offers the absolutely fastest data transmission speeds over existing coaxial cable without the need of rewiring. when using a pair of ccpam1001 converters back to back, they connect between two fast ethernet lans via coaxial cable. on the utp side, the ccpam1001 uses a modular eia / tia 568 rj45 connector that supports categories 3, 4, 5 or above wiring and connects to distance up to 100 meters (328 feet). on the coaxial cable side, the ccpam1001 utilizes a bnc connector and supports a 50ohm cable and distance up to 1.6km. it is ideal for extending the distance and signal conversion by transmitting the ethernet data from the coaxial cable.

cost-effective / quick upgrade legacy devices to all-ip network anycan"s ccpam1001 converter provides a quick replacement and smooth migration solution from existing analog system to full digital system. for example: ?cable tv to iptv ?analog camera to ip camerathe ccpam1001 combines the well proven ethernet and vdsl technology to transmit the ethernet format data by using vdsl signaling over the most widespread coaxial cable. therefore, it is very good for upgrading legacy devices to new digital devices of ip-based network because almost every house or block on the street could use the existing coaxial cable to transmit data to the internet and the whole building could share the internet line in the wide network area with minimum cost. reuse the exist cable instead of new wire, it saves wiring cost made by people and makes coaxial cable and ethernet line which cover anywhere.

easy installation the converter is plug and play without configuring any software and also fully compliant with all kinds of network protocols. moreover, the rich diagnostic leds on the front-panel provide the operating status of individual port and the whole system. there are two selectable models of the ccpam1001, one is used for client side (cpe) and the other is central side (co).

key features

?cost-effect vdsl2 co / cpe bridge solution ?one box design, co / cpe selectable via dip switch ?complies with ieee 802.3, ieee 802.3u and ieee 802.3x standards ?dmt (discrete multi-tone) line coding ?half duplex back pressure and ieee

802.3x full duplex pause frame flow control ?support up to 1536 bytes packet size, ieee 802.1q vlan tag transparent ?vdsl2 stand-alone transceiver for simple bridge modem application ?advantage of minimum installation time (simply as plug-and-play) ?selectable target data rate and target snr margin ?support extensive led indicators for network diagnostics ?co-work with anycan mc family media chassis (ccpam1008) ?compact in size, easy installationapplication

community / campus surveillance and security over ip

to take advantage of digital surveillance system and keep the benefits of coaxial cable that can be used outdoor and long distance, the ccpam1001 helps community, campus and enterprises to quickly upgrade the analog camera to ip camera without new wire. the converter is a switching architecture with one rj45 10/100mbps fast ethernet ports and one bnc symmetric ethernet over vdsl port. just plug-in the utp cable from ip camera to ethernet port and the exist coaxial cable to the bnc connector. it is easily deployed and is ideal for extending the distance and signal conversion by transmitting the ethernet data from the standard coaxial cable.. furthermore, with high transmit data rate, the solution supports multiple ip cameras input for sharing in one coaxial cable to reduce the cost of cabling.

mtu / mdu / hospitality solution

iptv vod and digital message broadcasting services are the worldwide hot trends, and more and more service providers have upgraded the client side devices from analog system to digital system gradually. the ccpam1001 is the best solution to quickly provide cost-effective, high speed network services by utilizing the existing coaxial cable infrastructure. ip network installation is straightforward and requires no new wiring. with enough bandwidth, the 100/65mbps symmetric capability of ccpam1001 enables many multi-media services on local internet to come true, such as vod (video on demand), voice over ip, video phone, iptv, distance education, and so on. the ccpam1001 provides excellent bandwidth to satisfy the triple play devices for entertainment and communication. meanwhile, this kind of infrastructure will minimize the burden on the internet.

commercial location media network and electronic billboards

commercial location built media network and electronic billboards to cover office buildings, shopping centers and stations in the cities. integrating with set-top box and lcd tv, the ccpam1001 provides an immediately and interactive broadcasting system over direct ethernet connection instead of constant content and data exchange by human resource. it can also be integrated with iptv and web tv. through the remote ability of management, administrators can interrupt the tv program for the news and the commercials. it saves labor and gets better commercial effect.

specification

product ccpam1001 ethernet over vdsl 2+ converterhardware specification ports 10/100base-tx 1 rj-45, auto-negotiation and auto-mdi / mdi-x coaxial 1 bnc, female connector

dip switch 4 position dip switch functionality ?co / cpe mode select ?selectable fast and interleaved mode?selectable target data rate?selectable target snr modeencoding ?vdsl-dmt — itu-t g.993.1 vdsl — itu-t g.997.1 — itu-t g.993.2 vdsl2 (profile 12a support), annex aled indicators ?one power ?3 for rj-11 / vdsl2 wan : ?green, lnk ?green, co mode ?green, cpe mode?2 for per rj-45 10/100base-tx port ?green, lnk / act ?green, speedcabling ethernet ?10base-t: 2-pair utp cat.3,4,5 up to 100m (328ft) ?100base-tx: 2-pair utp cat.5, up to 100m (328ft) vdsl ?50ohm, rg58a / u, rg58c / u, rg58 / u or equivalent, up to 1.6km performance ? full vdsl2 bandwidth up to: (down stream / up stream)? 200m ->100/65mbps ? 1000m ->100/42mbps? 400m ->100/65mbps ? 1200m ->90/36mbps? 600m ->100/58mbps ? 1400m ->80/27mbps? 800m ->100/52mbps ? 1600m ->70/10mbpsdimension (h x w x d)35 x 142 x 160mm weight 0.3 kg

power requirement 12 dc 1.5a operating temperature 0~50 degree c storage temperature -25~70 degree c operating humidity 10% to 90% , relative humidity, non-condensing storage humidity 10% to 90% , relative humidity, non-condensing standard conformance regulation compliance fcc part 15 class a, ce standards compliance ieee 802.3 10base-t ieee 802.3u 100base-tx/100base-t4 ?g.993.1 (vdsl) ?g.997.1 ?g.993.2 vdsl2 (profile 12a support), annex a

the actual data rate will vary on the quality of the coaxial cable and environment factors.

ordering information

ccpam1000 ethernet over vdsl 2 converter (2 x rj11 , 1 x rj-45) ccpam1001 ethernet over vdsl 2 converter (1 x bnc, 1 x rj-45) relative product - media converter chassis ccpam1008 8 port vdsl dslam 100~240v ac